



QUARTER CENTURY WIRELESS ASSOCIATION
1409 Cooper Drive
Irving, TX 75061



QCWA NEWS

SUMMER, 1980

Volume 29

No. 2

QCWA INTERNATIONAL
RADIO NETWORKS

Sundays:

2000 UTC

21,446 kHz

NCS: W2SF, W6FQ
W2CVF

Wednesdays: "CW"

8:00 PM Local
Eastern
Time

on 7035 kHz

9:00 PM Local
Eastern
Time

on 3750 kHz

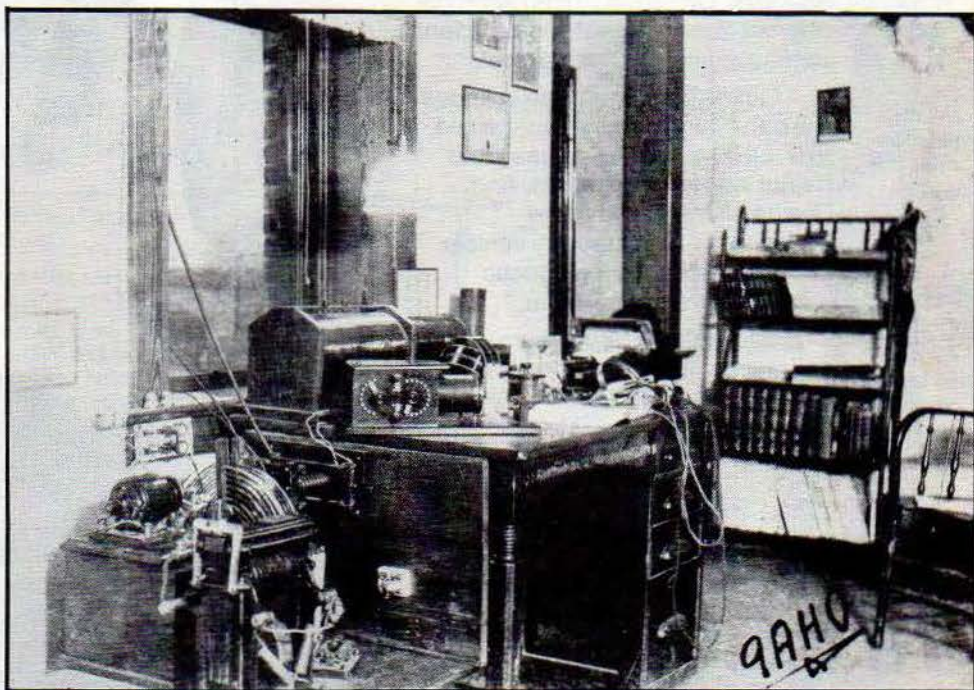
NCS: W2JBL, W9CV

FORWARDING & RETURN
POSTAGE GUARANTEED

Initially starting with a one-inch spark coil, a pair of Superior Headphones and a carborundum crystal detector, this picture shows what evolved during the summer of 1915 in Starling, Nebraska, where, first the call-sign used was MLA (Martin Luther Academy) and then licensed as 9AHO Officially.

To the lower left may be seen the fuse-block; below that the $\frac{1}{2}$ horse-power motor with a 10-tooth rotary gap which is sitting on the home-made condenser box filled with oil. Primary and secondary coils, change-over switch and Thordarson transformer visible in front. On the desk the 3-foot long loose-coupler for long-waves and the shorter one for all the others... Home-made variometer and a two-filament audion tube used experimentally. The station was dismantled on April 1, 1917, by order of the Navy Secretary.

The picture and story supplied by Eric Shalkhauser, W9CI, who has the best library in Amateur Radio (or at least as good as they come)...and who is always ready to share with Amateurs everywhere!



In reviewing the picture above, it was interesting to note that the helix was nearly two feet in diameter. The antenna change over switch, located just beyond the top of the helix took a very brave man to operate...and blown fuses were common, witness a spare set right above the knife-blade switch on the window sill. Amateur Radio in 1917 was not for the impatient or faint hearted!

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QCWA NEWS

JOURNAL OF THE
QUARTER CENTURY WIRELESS ASSOCIATION
Volume 29, No. 2 Summer, 1980

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PRESIDENT'S LETTER

The QCWA Board of Directors met in Dayton, April 25 & 26, 1980. It was a busy session of meetings and work. Discussions were held and action taken on a wide range of subjects. A brief review of the various matters acted on are included in this NEWS

The Boards actions were, in my opinion, worthy.. All matters were discussed and where action was required it was taken. Throughout the meetings I was impressed by the concern shown by each Board member for the welfare of QCWA. I am certain that each action was considered in that light!

As you all know, QCWA will be holding an election of Officers in the Spring of 1981. In accordance with Section VI, Article 3, of the By-Laws, I am at this time forming an Official Nominating Committee. The Committee, when completed and approved by the Board, will be charged with the responsibility of providing a slate of candidates for all of the Offices and directorships in the Organization. It is planned that the Committee will be formed and approved so that members can begin work no later than July 15.

I have been informed that membership renewals & reinstatements as well as New memberships in QCWA are running at an all-time high. This is something to be proud of!

In closing, I would like to ask QCWA members to attend the Orlando Convention this winter....there is an announcement in this NEWS. On behalf of myself and all QCWA members, I want to thank Officer -Directors for their dedication and for a difficult job which has been well done.

Harry S. Gartsman

QCWA STAFF

Ted Heithecker	W5EJ	General Manager
Rollie Terrill	W5RC	Assistant General Manager
Wesley Randles	W4COW	Activities Manager
J. R. Neelands	W6DLL	Books and Publications
Lee Knirko	W9MOL	Advertising Manager
Ellsworth Weinberg	N5EW	Legal Advisor
Cindy Jones	W5ZPD	YL's Viewpoints
T. E. Heithecker	xWNSUVZ	Computer Consultant

PAST PRESIDENTS

John Di Blasi, W2FX,	President Emeritus	1947-1964
Earl R. Thomas,* W2MM		1964-1968
Clarence Seid, W2KW		1968-1971
Barry Goldwater, K7UGA		1971-1973
Frank A. Gunther, W2ALS		1973-1977

EXECUTIVE SECRETARY - EMERITUS

Ralph G. Barber, W2ZM*	1955-1964
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HONORARY MEMBERS

George E. Sterling	Peaks Island, Maine
Richard E. Wiley	Arlington, Virginia
Rosel H. Hyde	Washington, D.C.
Col. W. J. Baird	Alexandria, Virginia
Robert E. Lee	Washington, D.C.

EDITORS CORNER

REPORT ON ACTIONS OF THE BOARD

At it's April meeting, the Board of Directors considered a widely ranging agenda of subjects. Official minutes of the meeting have not yet been completed. The following synopsis is the same as recently published in the HLR. Official minutes will be published as they become available. Major actions of the Board were:

- 1) The Board named Ed Trombley, W8CAM, and M. W. McRae, W9RC, jointly, as QCWA MEMBERS OF THE YEAR.
- 2) The Board established a NEW QCWA 70 YEAR GOLDEN CERTIFICATE.
- 3) The Board adopted a dues schedule to permit members to pay dues on an annual, bi-annual or regular tri-annual basis.
- 4) The Board named Ray E. Meyers, W6MLZ to the QCWA HALL OF FAME.
- 5) The Board restored the practice of providing financial assistance to a Chapter sponsoring a QCWA Convention.
- 6) The Board Amended QCWA By-Laws with a requirement that Presidential candidates must have served on the Board of Directors.
- 7) The Board continued the requirement that members be licensed amateurs.. There is no requirement for certification.
- 8) The Board Officially approved newly Chartered Chapters #111 thru #127.
- 9) A study committee has been appointed to determine a possible need for "family" membership status.
- 10) A study committee was formed to review the dues structure for our International members.

NEW DUES STRUCTURE APPROVED BY BOARD ACTION AT DAYTON MEETING.

The Board of Directors adopted a new dues structure designed to permit members to pay dues annually, bi-annually or at the regular tri-annual rate. A price difference was determined which makes QCWA income equal regardless of the plan chosen.

As adopted, the schedule will be:

Dues for one year	\$9.00
Dues for two years	\$15.00
Dues for Three years	\$19.00

The new structure will become official on August 15, 1980, in accordance with Article IX, Section 3. Publication is considered as June 15, 1980...

Dues at the annual or bi-annual rate cannot be accepted until after August 15, 1980!

Big shots are little shots who keep on shooting!

TEX SLOAT, W7AHK, who lives just next door to Mt. St. Helens, has sent us a picture of a sight which will not be seen again...St. Helen snow-covered as she was before the eruption....It was taken on the second day of the action, from Tex's home.



Tex said he likes the photos, and to keep em coming...will do, Tex. Sure wish we could come visiting again, but it will be a while!

-W5EJ-

SPECIAL NOTICE

HEADQUARTERS IS ANNOUNCING A CONTEST-- NOT FOR ARTISTIC ABILITY, BUT FOR AN IDEA.

FOR SEVERAL YEARS QCWA HAS AWARDED THE GOLDEN 60-YEAR CERTIFICATE. THERE HAS NEVER BEEN A 60-YEAR MEMBER STAMP...SO THE CONTEST...DESIGN A 60 YEAR MEMBERS STAMP...JUST A SKETCH IS SUFFICIENT AS WE WILL HAVE AN ARTIST PROVIDE A FINAL PRODUCT FROM THE WINNERS SKETCH.

TO HELP OUT, WE'VE MANAGED TO FIND \$25 WHICH WILL BE AWARDED TO THE WINNER, & HIS INITIALS WILL BE PLACED ON THE FACE OF THE STAMP (TINY, BUT THERE, HI)!

GET BUSY, SEND IN YOUR SKETCHES! WE'D LIKE TO ANNOUNCE THE WINNER IN SEPT.

-W5EJ-



Sending Long Island's greetings to the Byrd Expedition in the Antarctic;

Assistant scout master William Uzzell, of Troop 1, in Hollis is communicating with Paul Siple, the Representative of the Younger Order with the Adventurers near the South Pole, from the Boy Scout tent at Mineola Fair.

The above picture and caption appeared in the New York Times, 1929. The rig was an 852, the receiver home-made!

We appreciate Bill sharing it with us! Failure is the path of least persistence!

Nothing interests a buyer more than his own interests!

NORTHWEST CHAPTER

The Chapters annual meeting is scheduled for June 14, 1980, at the Holiday Inn, Issaquah. James Crutchfield W7OI is the featured speaker, who will talk on foreign affairs. We're hoping for a large turnout.

The Chapter noted that Howard, W7BI, has resigned as Vice Chairman, due to business reasons, and a change of his address. Election of Officers is now underway, and it is expected that the outcome of the election will be given at the Annual meeting.

Members are reminded to let Goerge Onsum, W7IC, know of friends who are interested in joining QCWA...he'll see that they get the info!

ACTIVITIES CHAIRMAN WES RANGLES, W4COW has announced that the Fall QSO Party tentatively planned for next September has been cancelled. There simply was not time to get it properly organized and publicity out to insure attendance that would be worthwhile.

BARNEY MOFFATT, W5CJZ, WHO ASSISTS IN THE MAKE-UP OF QCWA NEWS, SAW THE PIX ON PAGE 8, OF THE MATERIAL SENT IN BY LeRoy Scott, xW5BOW....Barney asked me to see if LeRoy can remember 50 years ago when the wooden tower fell across the house and broke to pieces! WE HAVE NOT YET RECEIVED A BID FROM A CHAPTER TO SPONSOR THE 1981 QSO PARTY HOW ABOUT SOME OF YOU FELLOWS & GALS TALKING IT UP AND HAVING SOME FUN!!! WRITE TO WES OR TO HEADQUARTERS!

Headquarters has received two letters regarding recent Board action specifying that candidates for President of QCWA must have served on the Board of Directors. Reservations have been expressed that this action unduly restricts possible candidates, & that it should be reconsidered by the Board.

Any action taken by the Board can be rescinded or modified by the Board. In the event that you feel strongly about the matter, you may express your ideas by writing to Headquarters.....Each letter, where the writer requests it will be duplicated and sent to each of the Board members for their consideration. Of course, letters may be sent to any Board member, or to all, if you wish.

The Board, elected by membership, does it's best to administer QCWA in a way that will insure it's best interest... Being human they may sometimes find it desirable to reconsider an action. You can help by giving them your opinions.

IF YOUR CHAPTER WOULD LIKE TO SPONSOR THE QCWA NATIONAL CONVENTION FOR 1981 PLEASE CONTACT QCWA HEADQUARTERS!!

- PNY -

On Page 8, of the Dember QCWA NEWS, a picture showing our President, W6ATC and 4X4CW excited our interest. We asked if someone could translate for us...and we received a fine bunch of letters...let me quote one letter:"It's not 'PNY'...Hebrew doesn't read that way! Hebrew is written fm right to left. The ' on the right is about the same as our "y", pronounced "ya" or "yih". Hebrew has not vowels..... The next character, the one that looks like a "y" in english is spoken as "ts". The one looking like "n" is a sort of a guttural "ch", and the lone looking like "p" is a Hebrew K. Hence the first four characters are "yitsachk", which is in english "Issac". The final (') is, I think, a kind of abbreviation for the word "shali"--the "y" is commonly used that way. This is "my" or similar meaning. Hence, I would guess that this sign, which seems to have something above it, might be a radio store owned by some named Issac, as in "Issac's Radio"."

This letter was written by William B. Katz, W9PPH. Other letters came from "Izzy", W4RD, who is Isadore Goldwasser, from down Georgia way...and Julian N Jablin, W9IWI, from up at Skokie! Reverend Gene Emmet Clarke, W6DQH also wrote & everyone gave me the same answer. Thank you all! -W5EJ-

HIGH VOLTAGE

To those of us with our solid state power supplies that will give us 2000 volts of well-filtered & regulated at about 2 amps from a package not much larger than a shoe box, have no idea of what a poor soul had to do if he wanted a few hundred volts of DC in the 1920's. If he had plenty of money he bought a motor-generator combination which only the rich could own. Those not so well off tried something else.

The year was 1921 and yours truly had recently obtained the call 8CZW and, one of RCA's UV-202 5-watt tube. I had built a spark transmitter, using a one-inch coil... it would hit the city-limits, with luck. A try at the spark-tube transmitter, using the oat-box & bell-wire & the one-inch coil did about the same, no progress here! Now, the street-car running in front of the house had long since quit, but the track & trolley was still OK.. 650 volts of good DC going to waste, now, here was an idea to work on! With the aid of a cigar box of glass push-pins, one Sunday AM I ran some #28 wire from an old choke coil out to the trolley, fastened a small nut on it and gave it a pitch. The other end, was at the back end of the house upstairs where the junk was. I was trying to find out the polarity when I shorted it! The whole thing went up in a cloud of smoke....My dad wanted to know if I was trying to burn the place down, very much agitated! I decided I would wait until he took his afternoon nap before stringing more wire. I found by means of the secondary of a Ford coil and a potatoe, that the trolley was negative (turned the potatoe green) using the secondary of a Ford coil as a dropping reactance along with a 2 mFd condenser about the size of a family bible. The transmitter was made from a circuit in QST so it was conductively coupled, and who was I a mere school boy to argue with QST. The counterpoise was about a foot above the clothes line so that was hot too. The other station said they couldn't copy a darn thing...they could hear every street-car in town when it started and stopped though! No juggling of what bit of filter made any difference. That was a shame too, as I could light a headlight bulb to full brilliancy..

Next morning I heard a scream from the backyard....my sister in hanging up clothes had touched the counterpoise, she was on her back more scared than hurt. For the next week or so I was just tolerated. My brother and sister were afraid to go anywhere near my room... something might reach out and grab them. I finally came to the conclusion that I could not lick that sawmill modulation and went back to the spark-tube rig... I knew when I was licked!

Ray Spence, W8BRE

NEW AWARDS TO HONOR AMATEURS

At its September, 1979 meeting, the QCWA Board of Directors adopted a plan for bestowing a "Hall of Fame, Member of the Year" award to a QCWA member each year. Rules were formulated regarding the nomination of candidates. Since the concept was entirely new, the Board was unable to make a concise statement regarding the aims and purposes for which the award was established.

At the April, 1980 mid-year Board meeting the Board did devote time to considering the matter and did adopt a plan to permit everyone to understand the purposes for the award.

The first action was to identify the award(s) proposed.. A "QCWA MEMBER OF THE YEAR" award was formally established. This award, to be given annually, has been set up to honor the QCWA members who, through personal dedication, have contributed to the welfare of QCWA and amateur radio. This award is a handsome plaque, suitably engraved, which will be given to a Member each year as a memorial. Those nominated for the award can be certain of the love and affection of their peers. No higher honor can be given to a QCWA Member! All nominees for the "QCWA MEMBER OF THE YEAR" award will receive a memorial certificate to commemorate the event!

QCWA MEMBER OF THE YEAR award nominations may be made by any QCWA member or by the elected officials of any QCWA Chartered Chapter. Rules for Nominations are:

1. List those things which are believed to be worthy of special note, such as; dedication to work and goals; his or her special or unusual contribution to amateur radio, QCWA and his fellow man.
2. Provide a picture, black/white, if possible. Provide a short resume' of his activities. List his first date of licensing and call(s) and any other material which will bring a full story to assist the Board in making it's decision.

Nominations for the 1980 award should be sent to Headquarters no later than March 1, 1981. Selection of the QCWA MEMBER OF THE YEAR shall be from those officially nominated by a majority vote of those attending a regular QCWA Board meeting at which a quorum is present!

+ + +

In a further action the Board discussed various aspects of a second award.....the QCWA HALL OF FAME AWARD.....This is an award of different nature. It is expected that QCWA members will be named to the "HALL" but it is not necessary to be a member of QCWA to be eligible. The Award has been established to provide a means for QCWA to honor anyone who has made significant contributions to the art of electrical communications or, humanitarian activities associated with communications, or other achievement(s) which may be accepted by the Board.

The award is to consist of a suitable plaque, engraved to commemorate the event. The plaque will be presented at a time a place to be announced by the Board.

It is expected that the Board of Directors will, from time to time, designate members to the QCWA HALL OF FAME. Nomination and selection of Hall of Fame members will be by vote of a majority of those attending a regular QCWA Board meeting at which a quorum is present. Members of QCWA may influence the election through contact with any Officer of the Board.

Received word from David Talley, W2PF. We had stated that Clarence Seid, W2KW, had held every job in QCWA. David let us know that Clarence had never served as Treasurer, or as Secretary or Recording Secretary of QCWA....Well, we didn't mean, necessarily exactly what we said...just that Clarence had been a hard worker in QCWA for many years and to a newcomer like me (W5EJ), it seemed reasonable to assume that he had done just about everything there was to be done..

- Ted, W5EJ -

FLORALA CHAPTER

John Lakin, W4MMW, Secretary, Florala Chapter, wrote that meetings are held monthly, on the 2nd Saturday, at noon at Fat Boy's Barbecue near Ft. Walton Beach, FL. Other regional meetings of the Chapter are being encouraged for Pensacola, Mobile, Montgomery and for Tallahassee.

Shown below are the Officers, elected for the 1980-1981 term. L-R are: John Zwaska, W4WKQ, Florida State co-ordinator; F. A. McCallum, WA4IWW, President and, John Lakin, W4MMW, Sec/Treasurer of the Chapter.



HOUSTON Q C W A

Headquarters has just received a letter and check from Houston. At it's April 26 meeting, it was voted to donate, as a Chapter to the QCWA SCHOLARSHIP FUND. The Chapter's check in the amount of \$85 represented a contribution on behalf of every member. We're proud of the Chapter, and their help in insuring that the scholarship fund becomes self sustaining.

Ft. Wayne Chapter

The Ft. Wayne Chapter is launching a new-member campaign. President of the Chapter, Ray Yeranko, W9JOQ, advises a job that would be made easier if QCWA had annual dues.

The Board took this action, and it will become binding about September 1, 1980 (60 day waiting after action).

QCWA BOARD ANNOUNCES
70 YEAR GOLDEN AWARD

AT IT'S MID-YEAR BOARD MEETING, HELD IN DAYTON, OHIO, APRIL 25th-26th, 1980, THE QCWA BOARD TOOK ACTION TO ESTABLISH A NEW AWARD TO HONOR PIONEER MEMBERS. TO BE KNOWN AS THE "GOLDEN 70 AWARD", IT'LL BE A PRESTIGIOUS ADDITION TO AN AMATEUR'S SHACK.

HISTORICALLY, PUBLIC LAW, No. 264, PASSED BY THE 62nd CONGRESS IN IT'S FIRST STEPS TO REGULATE RADIO COMMUNICATION, BECAME "LAW OF THE LAND" ON NOVEMBER 13, 1912. THERE IS A POSSIBILITY THAT THE FIRST AMATEUR LICENSE MIGHT HAVE BEEN ISSUED ON THAT DAY.

PREVIOUS TO ISSUANCE OF LICENSES, THE UNITED STATES NAVY ISSUED A "CERTIFICATE OF PROFICIENCY." A FEW HUNDRED OF THESE WERE AWARDED BEGINNING IN 1910. THESE WERE NOT LICENSES AS SUCH, BUT HAVE BEEN SPECIFICALLY NAMED AS ACCEPTABLE PROOF OF AMATEUR OPERATION, HAVING BEEN THE ONLY OFFICIAL DOCUMENT AVAILABLE.

COMPLETE RULES FOR ESTABLISHING ELIGIBILITY FOR THE "GOLDEN 70 AWARD" WILL BE PREPARED AND PUBLISHED. AN OFFICIAL APPLICATION FORM WILL BE PREPARED AND MADE AVAILABLE FOR USE BY APPLICANTS. IN ALL CASES, THE APPLICANT MUST PROVIDE PROOF OF COMPLIANCE WITH QCWA REQUIREMENTS, AS PUBLISHED, FOR THE AWARD TO BE ISSUED.

IN GENERAL, FOR THE PRESENT, ONE IS ELIGIBLE FOR THE "GOLDEN 70" IF:

1. The applicant can provide a copy of a US Navy proficiency certificate dated 1910 or before.
2. The applicant can provide a copy of a Newspaper Item with banner line and date attached, alluding to amateur operation by the applicant, dated 1910 or before.

BEGINNING ON JANUARY 1, 1982, ELIGIBILITY FOR THE "GOLDEN 70" CAN ESTABLISHED BY THE U. S. GOVERNMENT CALLBOOK FOR 1913. THIS CALLBOOK LISTED ALL AMATEUR LICENSES ISSUED FROM NOV. 13, 1912 THROUGH JUNE 30, 1913. SINCE THE CALLS WERE ISSUED IN ORDER, AND HAD NEVER BEEN PREVIOUSLY ISSUED, WE HAVE TAKEN THE FIRST 23% AND ARBITRARILY ASSUMED THEM TO HAVE BEEN ISSUED IN 1912, FOR EACH CALL DISTRICT... THOSE CONSIDERED TO HAVE BEEN ISSUED IN 1912 ARE SHOWN BELOW. THEY ARE AUTOMATICALLY ELIGIBLE FOR THE "GOLDEN 70" ON JANUARY 1, 1982.. ALL CALLS IN THE 1913 CALLBOOK ARE ELIGIBLE ON JANUARY 1, 1983!

ANY QCWA MEMBER HOLDING A GOLDEN 50 AWARD IS ELIGIBLE ON THE 20th ANNIVERSARY OF ITS ISSUANCE. LIKEWISE, ANY QCWA MEMBER HOLDING HIS GOLDEN 60 AWARD IS ELIGIBLE ON THE 10th ANNIVERSARY OF IT'S ISSUANCE

Call District	Calls Issued Through 6-30-13	Total	Calls Eligible For 70 Year Award
First	1AB to 1WZ	75	1AA to 1BN
Second	2AA to 2MU	327	2AA to 2CW
Third	3AA to 3KK	259	3AA to 3CI
Fourth	4AA to 4BG	32	4AA to 4AG
Fifth	5AA to 5AE	20	5AA to 5AE
Sixth	6AA to 6WW	309	6AA to 6CX
Seventh	7AA to 7WS	62	7AA to 7EL
Eighth	8AA to 8JO	104	8AA to 8BK
Ninth	9AA to 9AV	22	9AA to 9AE

The calls listed in the RH column, if they appear in the 1913 callbook are eligible for the QCWA 70 Year Award on January 1, 1982.



Ralph Rea, W5AA sent these Photos...at left, is W5UAA Sid Pokorny, a member of Central OK Chapter attending his first meeting..Jan 1980.

At right, Melvin Bolger, W5AXM, who recently was awarded the 50 Year Golden Certificate.

CENTRAL OKLAHOMA CHAPTER
No. 63



PRESIDENT HARRY GARTSMAN, W6ATC, is assembling a nominating Committee who will be charged with the responsibility of preparing a slate of candidates for all of the offices and directorships in QCWA.

The Committee is expected to be announced by July 15. They will be required to finish nomination of Candidates in time for publication in the Spring QCWA NEWS..

At least two candidates are required for each office. Members of QCWA may nominate candidates by petition. A petition signed by at least 100 members, in good standing is required.

- W5EJ -

QCWA PROFILE

From time to time we get truly fine stories written by members, and to us, this is one of them:

A letter from Perry F. Hadlock giving a brief history of a great experience from many years ago...in Perry's words:

'When I think back over my years in Ham Radio (61) I think; "what was my biggest thrill?" Well, I think it was getting across the Atlantic, so this prompts me to write to you. I am enclosing a list of all the stations that got across in the fall of 1922. My call letters were 2CKR. I was located in Schenectady, NY.' The history of the event has been put down by a number of good chroniclers....Paul Godley, sent to listen for the week signals, sponsored by the ARRL, and the jubilation when they really got across. The Transatlantic Tests - 1922 - on 200 meters, saw the following stations doing the job:

1ASF, 1AJP, 1AKG, 1AZL, 1AZW, 1BCF, 1BCG, 1BDI, 1BEP, 1BES, 1BET, 1BGF, 1BKQ, 1BRQ, 1CDO, 1CDR, 1CDX, 1CKP, 1CMK, 1CMF, 1GV, 1II, 1OR, 1XM, 1ZE, 1YK, 2APP, 2AHO, 2AWF, 2AWL, 2AYV, 2BLP, 2BML, 2BQH, 2BQU, 2CBW, 2CJN, 2CKN, 2CKR, 2CPD, 2CQZ, 2EL, 2GK, 2GR, 2LO.

Perry wonders how many of these 45 guys are still around? Are any of them on the air? Can any QCWA member provide information which might help to get these old-timers in touch with each other?

Perry speaking of his rig says, "The rig was a UV204, the plate voltage 2300, Hartley circuit, with 9.5 amps into the antenna, with wavelength near 200 meters. Antenna: cage, 8' in diameter, 60 feet long, 60 feet above ground. A fan-type counterpoise 7' above ground consisting of 21 wires #14 CU.

If anyone knows of the whereabouts of any of those listed above, please drop a line to Perry at the following address:

Perry Hadlock, K2IK
7400 SW 34th Street
Miami, FL 33155

-ED-

NORTHWEST CHAPTER NEWS

Members of the Northwest Chapter are looking forward to June 14 when their annual all-section meeting will be held at the Holiday Inn, Issaquah, on Lake Sammamish, in Washington. The all-day program includes meetings, awards announcements and installation of the newly elected Officers for the coming year, and will end with a banquet and an address by James A. Crutchfield, W7OI.

The following month, July 25-27, all hands will be going to the SEANARC, ARRL National Convention at Seattle. They'll be watching for QCWA badges, and visiting with friends in the special room set aside for QCWA use.

The April 26 annual Centralia dinner, arranged by Mike, W7GYB, was well attended with good foot and cordial fellowship. Dr. John, W7AOB, was master of ceremonies. Tex, W7AHK, presented the Golden Certificate to Robert E. Garrow K7YUA, for 50 continuously licensed years in Amateur Radio. Hal, W7PN, presented his friend of 57 years, Earl Thoms, W7DJ, with the Golden Certificate. Ed Lamb, W7HJU, 92 year young, was introduced. The evening ended with a slide illustrated account of the search for and finding of a perfect location for their Shangri-la British Columbia second home, by Tex, W7AHK.

The Chapter was saddened by the loss of Jeff, K7RZZ. A memorial service was conducted on April 20, by his friend, Dock, W7OS and Dewey, W7HF, the Chapter Historian. Quite a few YL members belong to QCWW and several are checking in regularly.

-Beth, W7NJS-

Herman, W6WHK, who makes the best pickles in the world, recently was awarded his Golden Certificate.

ON THE AIR QCWA SCHEDULES REPORTED

Chapter-Location	Day	Time	NCS	FREQ
4 NW CHAPTER	SUN	0830		3655
	SUN	1200		3955
6 PITTSBURGH	SUN	0900	W8CWY	63/03
7 SO CAL	SUN	0800	W6INH	3917
	SUN	0900	W6FQ	3917
	SUN	1100	K6BA	3695
11 NO CAL	SUN	0930	W6BYS	25/85
12 MIAMI SE FLA	WED	0900		
16 ARIZONA	SUN	0800		3892
27 HOUSTON	THU	2000	W5CIX	3876
28 CENT. NY	SUN	1030		3917
32 GATOR	SAT	0930		3920
41 DALLAS	SUN	0730	W5RC	3835
43 TULSA	SUN	0930	W5FU	7197
49 ATLANTA	SAT	1300Z	K4VN	3830
54 TYLER	SUN	0800	W5CNO	3835
55 WISCONSIN	SUN	1000		3985
58 COLORADO	SUN	1000	WØWSK	3905
62 SUWANNEE	SAT	0900		3940
63 CENT. OKLA	SUN	0830	W5AA	3830
73 SO. ONTARIO	SUN	0900		3773
	SUN	1300		7090
75 CENT CAL COAST	SAT	1000		3917
77 NO. NJ	SUN	1300	W2OJW	3917
84 FLORALA		1930		
87 EVERGREEN	SUN	0700		3985
89 PALMETTO	SAT	1700		3927
90 RAZORBACK	SUN	1800	W5MYZ	3907
109 BATON ROUGE	SUN	0830	W5MD	3935
112 YANKEE	SUN	0930		3903
	WED	1930		3645
116 CENT VA	DAILY	0900		01/61
118 COASTAL CAROL	MON	2000		16/76
	MON	2015		28/88
120 QCWW	TUE	1400		14295
122 LAKE ERIE	SUN	0930		3915

ATLANTA CHAPTER #49

Wendell, K4VN, wrote to report the Chapter expects to meet June 21, at 6PM, following the Atlanta Hamfest, at Morrison Restaurant in Ainsley Mall.

The Chapter will man a booth at the Hamfest and we're hopin for a pix or two of the event. We saw Wendell at Dayton... so darn much activity that there was no more than enough time to say hello and good-bye. Maybe it won't be quite so hectic at Orlando! Sure hope so.

Dr. Eric Palmer, W2RD, reported that he was robbed on May 6 with all of his ham gear stolen together with tools and his test equipment. The NYC police are working on the case but meanwhile Eric is off the air!

CALIFORNIA 10 METER BEACON

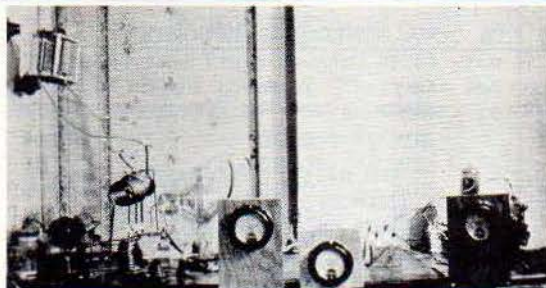
Norm Lefcourt, W6IRT, has announced that the FCC renewed his authorization to operate a 10-meter beacon on the phone band for the purpose of studying propagation.

BEACON STATISTICS:

1. Location: North Hollywood, Ca.
2. Power Output: 7 watts
3. Carrier Frequency: 28.888 MHz.
4. Mode: A1 (cw)
5. ID: W6IRT
6. Message: Repeats every 100 sec. (12wpm)
7. Antenna: 1/4 wave ground plane with 3 drooping radials. Radials 15 ft. off roof and about 30 ft. above ground.

We need reception reports. Please monitor as often as possible. Log the RST (QSA) and mail monthly to W6IRT.

Address to: Norm Lefcourt, W6IRT
7713 Wilkinson Avenue
North Hollywood, CA 91605



A letter from LeRoy Scott, W5DL brought these photographic treasures. Let me quote LeRoy direct!

"Back in 1950 we formed a Chapter of QCWA in Washington, DC. I was W3PGB (849). In 1963 I retired and moved to San Antonio.....a few years ago when the San Antonio Chapter was formed, a good friend, Frank Jordan, W5EDX, started a campaign to get me active again. A part of his campaign was to bring copies of QCWA NEWS, knowing I would enjoy pictures of older hams and their stations. Recently he left a copy of the Summer, 1979 issue...I notice a QSL from JH1WIX... Now, a JH1 card would ordinarily not even catch my eye but this one did...its owner was Taroh Yagi. A closer check confirmed that this was the same Taroh Yagi I had known for almost a half century. I got out my old pix albums and copied two pages for you. One, at right, shows his station 2GX in 1934. just at the near right is a pix of Taroh nearly 50 years ago. His QSL card is at the upper right.

At the time these pictures were taken, my home was in Oklahoma City. My call was W5BOW, which was the third call I had held. I have had four more since that time. Keeping your old call was not so important fifty years ago." We've quoted pretty liberally from LeRoy's letter. There were pictures of his W5BOW QSL card, and other material. At the upper left, a picture of LeRoy's station, old W5BOW, is shown. We appreciate the picture and story. Taroh is one of Amateur Radio's International Gentlemen. We are pleased to have the opportunity to publish these beautiful pictures. Thanks LeRoy!



NORTHERN VIRGINIA CHAPTER QCWA #91

A good contingent of Northern Virginia members attended the annual QCWA Old Timers Banquet in Gaithersburg, MD on March 8. All enjoyed hearing Bill Leonard, W2SKE.

New Officers of the Chapter elected are:

Em Mehrling, W4NH, President
John Platt, W4QX, Vice President
Leland Smith, Jr., W4YE, Secretary
Ken Joseph, W4SIG, Treasurer

The Chapter is undertaking a very large scale project.... management and operation of the W/K/N(4) ARRL QSL BUREAU... This sponsorship will begin May 1 and will require a great many man hours of work by our members. The mail coming in now numbers in excess of 16,000 weekly!

It is with deep regret that we note the passing of member Ed Redington, W4ZM and of Jack Breen, W4UYB. Jack had been a guest speaker at the August 1979 meeting. Ed was a Charter member and ex-officer of this Chapter.

Our congratulations to Jack Kelleher, W4ZC, a new FELLOW of the IEEE!

-----Buddy, W4YE-----

WISCONSIN CHAPTER #55

The Chapter is planning it's midyear gathering at Stevens Point, as the gasoline situation makes it desirable to locate our conclaves as close to the center of gravity of the bunch as possible. Hi! We will meet on June 6 and there'll be at least three getting Golden Certificates - we're getting older!

The Chapter has noted the passing of two members, Charles A. Bresett, W9YYL and Leo P. Devine, W9AEV...they will sure be missed by the QCWA members here in Wisconsin!

Good luck to the Gang for 1980 - and, before I forget, we lost Tommy Gettleman, W9IZO, who retired to the Seattle, WA area!

-----Fred, W9NZF-----

NORTHERN CALIFORNIA CHAPTER

The Chapter's annual luncheon, held February 10, was well attended, with 70 present. The food was good and everyone was glad they attended. The meeting place was the Sea-Wolf at Jack London Square. President Bob Franklin, K6TP was installed at that time.

Gordon Elliott, W6CIT, picnic Chairman was asked to find a meeting place north of the Bay Area for the summer meet..

The Chapter has noted that a number of new members have come into the organization...R. W. Dean, W6YGU; Elliot Pisor, K6ILM; Elwyn Lambert, W6CJC and Dick Carson, WA6LDW. We are glad they're with us!

The speaker for the Annual meeting, Marti-Volkoff, of the FCC inspired President Frankling to say: "I would like to remind you, taking my cue from remarks by Marti-Volkoff, that we of QCWA can see the Amateur Radio Service with a perspective given to no newcomer, and I think it is up to we long-time amateurs with a persistent interest, to help guide the FCC with regard to the direction they propose to take with this or that regulation....a letter expressing your views of proposed regulations, sent to your Congressman, Senators, and with a copy to the Commission in Washington, can and should be a worthwhile means of repayment for the years of enjoyment all of us have had in this our Hobby."

FLORIDA GATOR CHAPTER

Eli Nannis, K4JMH, Secretary of the Chapter sent his report even though he has had emergency surgery during the month..

The Chapter is trying to locate a new meeting place. The Sweden House was sold.

The May 3 meeting had 57 in attendance, including W4LK0, a guest from Long Island. Ed Powers spoke on plans for the Suncoast Hamfest to be held late in October. The Chapter will not meet again until October. Date & location will be announced later.

----- Eli - K4JMH -----

TREASURE COAST CHAPTER

On Saturday, March 22, 1980, the Chapter's annual luncheon, held in connection with the Treasure Coast Hamfest, was held at Vero Beach, attended by 62 members & guests, with ladies included too.

John Little, City Manager of Vero Beach was guest speaker.. He gave an outstanding talk on how the City is working with the Ham's to clear RFI and the future of our energy problem. The City of Vero Beach operates it's own power plant and distribution system.



Pictured above, L-R are: George O. Russell, KB40C, Secretary/Treasurer; John Little, City Manger, Vero Beach; Issac Roach, K4QM, Chairman of Treasure Coast Chapter.

Following the luncheon, Chalmers Stromburg held a meeting of the Florida QCWA Council, starting plans for the National QCWA Convention to be held in Orlando this Fall!

----- Issac, K4QM -----

LUBBOCK CHAPTER QCWA

A meeting, held April 19, 1980 saw a fine group of 25 present...It was held at the South Plains Mall, at Wyatts.

An outstanding program was presented by Johnny Joiner, W5KPPJ, who, with the help of Mel Shavelson, W6VLH, gave us a fine demonstration of slow-scan TV.. It was a momentarily hushed group that saw the following appear on the screen

GREETINGS QCWA
LUBBOCK
FROM
W6VLH
MEL

A charter member, W5NFO, E. C. Pool, was present, and the next picture was,

HI
W5NFO
DE
W6VLH

Mel then transmitted pictures of himself and fellow workers, like Sophia Loren and Elke Sommers!

The Chapter was happy to see our new member Glenn Collum, W5JMS and his XYL Dixie, making their first appearance!

----- John, W5HB -----

We have received a wonderful note from Sister M. Charlotte, K6VFE, a good QCWA Member.

UPPER MIDWEST CHAPTER

Tow dinner meetings were held this spring, March 20 & May 15, 1980. There was excellent turnouts by members for both meetings. Two endorsements were given, both for 56 years in Amateur Radio...Robert R. Hall, W0CRO & C. J. Webster, W0IK were honored. At the March 20 meeting, Lin Holmes, W0MDL, gave an excellent talk on EME communication with a slide & talk commentary on his 18-foot dish antenna, which gave members ideas on how to use their backyards and raise the eyebrows of their neighbors. At the May 15 meeting, Joe Pavak W0OEP, gave us a little memorabilia with two films, the first titled "High Adventure with the Byrd Expedition" that was narrated by Bud Waite, W2ZK; the second film was titled "The Founding of the ARRL and the Development of WW-I signal Equipment." One really appreciated the modern equipment after hearing code sent with a spark transmitter. The May 15 meeting was our last until Fall, and election of Officers was held with the following members voted to office for the coming year;

Delmar V. Nordstrom, W0TAT, President
George K. Haycock, W0OQW, Vice Pres.
R. L. Sheekanoff, W0BPR, Treasurer
Frank J. Moser, W0SNX, Secretary.

It was announced that one of the Chapter members, Herman C. Reece, W0HKU, became a silent key during April.

----- Frank, W0SNX -----

EVERGREEN CHAPTER

Headquarters received the "Sapling" for March... the publication of the Chapter. Bob Morrill wrote that the Chapter was busy, along with all the hams in the area, working to supply communications for State officials in connection with the eruption of volcanic action at Mt. St. Helens! Bob didn't say much this time .. too busy!

----- W5EJ -----

AKRON, OHIO CHAPTER

The Akron Chapter's spring dinner meeting was held April 24, 1980 at Anthe's on Manchester Rd, in Akron. This was the 12th anniversary of the Chapter, and a record 58 members, guests and xyls were present.

President Chet, K8GRO, introduced recent new members among whom were: Bob, W8ANS; Bob, W8CMO; Sam, W8GRP; Earl, W8MIB; Arnie, W8UPG; Al, W8WKY and George, W8ZTQ..... Also soon to be members, Dick, W8MKD & Frank, W8NYP. Mike, W8AFP and Leo, W8JAY were present after wintering in the south. Paulk, W8MWB and Ralph, W8WOM were absent due to illness.



The evening program was presented by Jim Eden, K8UIW, showing slide and discussing scenes from Switzerland. Beautiful pictures were enjoyed by all.

In the picture above, taken by Bob, W8CGG, are, L-R: Jim Eden, K8UIW; Anna, YF of K8GRO; Ed Robertson, K8EMI, and, Harold Tune, W8LZE and YF, Jean.

The Chapter plans on having a booth at the Goodyear ARC Ham fest on June 8, to provide membership information. Our next dinner meeting will be July 24, at Anthe's.

----- Ed, K8EMI -----

QUARTER CENTURY WIRELESS ASSOCIATION THE SAN DIEGO CHAPTER

The San Diego Chapter lists five candidates for the QCWW...all are Charter members. They are: Marguerite Bourell, W6LND (OM W6NZ); Clara Dishong, W6TDL (OM K6KAE); Agnes Langevin, W6MFP; Helen Morrison, W6OSL (OM W6OSD); and Edith Nichols, K6AYJ (OM W6EVL). We're proud of this ladies and they must be excited over having their own National Chapter!

Hal DeVoe, KL7MF was a recent visitor to SD. Hal lives in Anchorage and was once head of the FCC San Diego FCC Office. His is remembered by many hams in this area, particularly Harold Bourell, W6NZ & Roy Maxson, W6DEY, who were former FCC Engineers.

Romeo Bilodeau, K6PM and YF Helen are off on their annual trip to New England for the summer. On June 29 they celebrate their 50th wedding anniversary, and for the first time in 25 years, all seven children will be in attendance. In commemoration of the event Romeo has given Helen a beautiful new wedding band and engagement ring studded with diamonds. When we mentioned seeing the ring set, Romeo said, "When we were married I couldn't afford it, and now after all these years, by golly, she's worth it!!" Romeo will attend the 60th reunion of his High School graduating class in Windsor, Vermont on July 7. He says there were less than 20 originally, and not too many are still living. We in San Diego wish them many more years of happiness together.

John Wieting, K6QM and YF just returned from an auto tour of Zion and Bryce National Parks, and a visit to the Grand Canyon. While in Bryce, they were in a snowstorm which left about a foot of the fluffy white stuff all over the ground-which doesn't happen to us here in San Diego. John did some two-meter work while in the Phoenix and Prescott area. They were glad to be back although the trip was pleasant and enjoyable.

At our May brunch, we were privileged to have as our guest speaker, Mr. Phillip Rapp, WB6WEX, who recently spent considerable time in Damascus, Syria. Mr. Rapp was sent there to supervise and assist in the conversion of their TV from black and white to color. All of his work had to be accomplished with and through translators and some of the problems he encountered were quite amusing. The Damascus TV is transmitted via satellite to all of Arabia and was quite an interesting project. Phillips slide-talk show was one of the most interesting professional presentations we have had the privilege of seeing. He used dual projection keyed to his recorded explanation of the slides which were of excellent quality, showing a wide variety of shots of mosques, buildings, people and places. All of this, with background music of Syria, is one of the finest programs we have had. When he said he was working one up on a trip to Greece, he received another burst of applause, our way of saying, "Please come back."

- Si, W6OSD -

YANKEE CHAPTER

Yankee Chapter's Annual Meeting was held April 19th at the Orchard Inn in Sturbridge, MA. There were 40 members & 23 guests, making a total of 63. This is a little over a third of our membership, which was a great turnout.

We were living right, as it was a fantastic April day in New England. The food was excellent and the fellowship made the trip for all us more than worthwhile, but especially so for those who had to travel a great distance. All 6 New England states were represented.

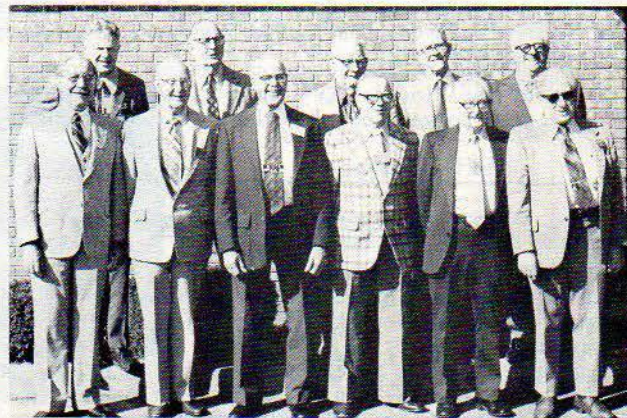
During our meeting, W1ASD, Sam Moses presented a 50 Year Golden Certificate to George Downs, W1CT and Bill Lightfoot, W1PEG, presented a 60 year Golden Certificate to Ranny Willard, W1BSG..

New Officers were elected, as follows:

Charles McLam, W1EFC, President
Sam Moses, W1ASD, Vice President
Onie Woodward, W1ZEN, Secretary/Treasurer
Joe Santangelo, N1JS, Net Manager
Norm Dias, W1UHY, Activities Manager

Yankee Chapter's next get together will be in West Hartford CT with a tour through ARRL Headquarters, followed by a cook-out in the back-yard antenna farm of Sam, W1ASD, with Irene, his XYL as our hostess. We are all looking forward to our usual great turn out and an afternoon of Yankee Chapter fun.

- Onie, W1ZEN -



Pictured above are 11 QCWA Members, all of whom hold the Golden Certificates, 50 or more years in Amateur Radio. L-R, back row are: George Downs, W1CT (51); Herb Norholm, W1IAO (58); Fred Stedman, W1BXZ (56); Ranny Willard, W1BSG (60); Robert York Chapman, W1QV (56). In the front row, L-R are: Les Radnay, W1PL, (52); George Caron, W1EQ (59); Dan Giro, W1CTR, (51); Bill Frizzell, W1LHV (58), Dave Winter, W2AUF (51); Sam Moses, W1ASD (53).

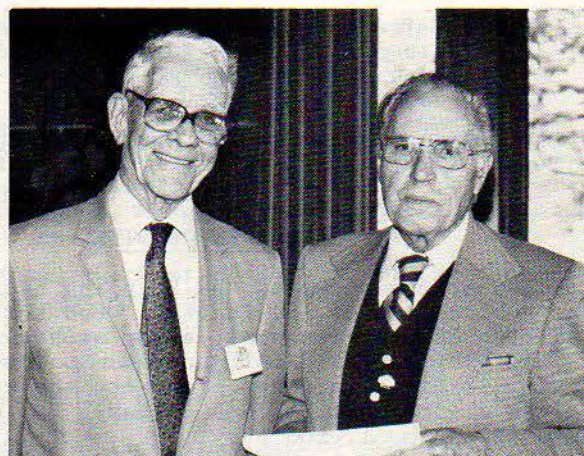
FROM NESCON AREA

At left, George Downs W1CT, receives his 50 Year Golden Certificate from Sam Moses, W1ASD

+ + +

At right, Ransom H. Willard, W1BSG, has a 60 Year Golden Award given by William F. Lightfoot, W1PEG.

Congratulations from all of QCWA!



MISSOURI CHAPTER, No. 19

A note from J. M. "Duke" Williford concerning the St. Louis Chapter (MISSOURI)...

"I have been exploring the possibilities of getting this Chapter on its feet once more, as most of you know, I organized the Chapter in March, 1963, and the Charter was granted at that time. I am interested in hearing from any of you who wish to aid in revitalization of the Chapter."

It is my sad duty to inform you of the death, in March, of a fellow member, W0AUB, W. J. Bergmann.. He was 82 years old and a charter member! He was member No. 2342, and will be missed by all,

If you are interested in getting going, contact Duke. His address is:

J. M. Williford, W0PUS
4327-A Morganford Road
St. Louis, MO 63116

Suwannee Chapter

The bi-monthly meeting of the Suwannee Chapter was held at the Silver Springs Holiday Inn, on April 26, with 44 attending. The noon luncheon was followed by a talk on acupuncture by Dr. Dennis Seese. Following discussion and questions, Dr. Seese put a needle in the arm of Ted Gormsen, W4SZ. (Shown in the picture below).



The meeting was enjoyed by all..

--- = Harold, K4JTJ ---
METRO NEW YORK CHAPTER

The Metro Chapter luncheon meeting was held at Rosoff's in New York City.

There were 37 present, with W2AUF, W2GHV, W2AQ, W2SF, W2ALS and Fred Shunaman seated at the head table.....

Rose Jackson and WA2RST gave tickets for door prizes in place of W2JDG and W2JZX because Sam was not feeling well and Nat, W2AIM called out the winning numbers.

There was a moment of silence in memory of Tom McCann, K8CM, who recently became a silent key.

Nat, W2AIM, showed color sound film fm the Jet Propulsion Lab, that was made recently about their activities thru-out the universe. It was interesting and information. The next meeting of the Chapter is scheduled September 17, 1980.

-Dave, W2AUF-

PITTSBURGH, PA QCWA

CHAPTER 6

The Chapter's spring dinner, held Sunday, April 13, started off with a bang with 65 members y1's and guests present. A good time was enjoyed by all. Next dinner date will be at Tonidale, July 13.

Pix at right shows (L-R), presentation of the Golden award to Walt Follinger AF3V, ex W3UGV, with his charming YL, Carrie, by President, John, W8CWY...

Our deepest sympathy to Bill, W3KRG, whose YL, Martha, passed away recently. Her pix appeared in Winter 79 QCWA NEWS at the time KRG was awarded the Century Club Award.. Best wishes for a rapid recovery for Bill, W3KRG, For Bill, WA3TXO, John, K3FY and Dot, W3LPF's YL, from their illnesses and injuries.

A new Chapter roster has been updated and was distributed at the dinner. Unfortunately insufficient copies were made. New copies will be sent by mail soon.. The information was culled from the National roster and montly news bulletins from Headquarters.



=Pix by W3OIW=

ARK-LA-TEX CHAPTER

The regular April meeting of the ARK-LA-TEX Chapter was held on the 22nd, at the new Brookshire Cafeteria in Shreve City Center in Shreveport. Members of QCWA attending were: W5AXA, Joe Barber; W5CJ, Harold Hicks; W5FFZ, George Boyens W5LMS, Virgil Holobaugh; W5LQ, Joe Carlson; W5MFS, Andy Lord; W5NFV, John Ross; W5PNB, Jim Long; W5QIK, Jay May and W5RQH, Irv Wolfe. After dinner and regular meeting, we all adjourned to the Radar Control Facility at Barksdale AFB to a conducted tour arranged by W5LMS, former FAA air controller.

Our loss will be Corpus Christi's gain, as our President, W5QIK, will transfer there in mid-August. At least we won't lose him to another District!

The next Chapter meeting will be held at 7PM, Tuesday, on July 22. A new President will be elected at that time. The meeting place will once again be at the Brookshire!

-- Irv Wolfe, W5RQH --



Many thanks for our sister Chapters, Canton Ohio and Erie, PA for the representation at our dinners.

It appears that this Chapter was well represented at the Dayton Hamvention with W3OIY, W3KVS, W3VRZ, W3PZC, W3PFD and W8CSU attending the Convention.

Welcome to W3PZC, Paul Ecker, W3RNO, Stan Peotrowski and W3ZSV, Nick Ferreese, as new members to this Chapter.

Pictured at right is that affable gent, Gus, W3YBR, who participates consistently in all of this Chapters activities.

For Now, a Happy Summertime to all from the Chapter and,

Joe Soroka, W3LGD

DAYTON/CINCINNATI CHAPTER

On April 25, 26 & 27, over 19,000 people descended on Dayton, Ohio, to attend the world's largest & greatest HAMVENTION.... Presented by the Dayton Amateur Radio Association. Ham's, XYL's, YL's, would-be hams and two guide dogs, all came to see what's new in Ham Radio and to see and talk with their friends.

The Dayton-Cincinnati Chapter QCWA was there too, in space #105, to greet our visiting members from all over the world. One hundred forty signed in and our log shows that they came from twenty four states and Canada. The logs shows further that the lowest QCWA number was #98, W8FBH, Herb Lipsom, fm Michigan, and the latest was #14,039, Don Search, W3AZD, fm Yankee Chapter. At the QCWA Booth, we raffled off some nice pieces of equipment; a remote coax switch, a Heathkit S-W-R bridge & wattmeter and, an Omega antenna noise bridge. They were won by Ron Neale, W9VZX, Al Powell, VE3OT and, by Ray W. MacKenzie, W3ZPZ, respectively.

At 12 Noon, Saturday, April 26, we enjoyed a very special luncheon meeting at Imperial House North. We were fortunate in having as our guests, Harry Gartsman, W6ATC, Art Miligan, W8KW and Ted Heithecker, W5EJ, who were here for the annual Board meeting of QCWA. We missed seeing Ethel Smith, who was unable to attend....We hope to see you all again next year!



In the pix above, taken at the Luncheon--are, L-R: John Bruning, W8DSR; Bill Biddle, K8UZ; Chet Rataski, K8GRO and Ken Mills, W8RLY, President of the Chapter.

73 - from all of us..

C. L. Chick Doty, W8GXM

RAZORBACK CHAPTER QCWA

Members and wives of the Razorback Chapter QCWA held their Spring, 1980 meeting at the Majestic Hotel in Hot Springs, on April 26, 1980. After a lunch of Southern Fried Chicken and Roast Beef, each member and XYL was called on to relate some humorous or memorable experience during their hamming career. After that, the ladies retired to another room for fund and games, while the men held the business meeting.

Elmer, W5FD, was the featured speaker of the day. After the meeting adjourned, many stayed on in Hot Springs to visit this scenic area. A trip to the Hot Springs Antique Wireless Museum was provided.

Leland was attending the National Board meeting, so was not able to attend. The Chapter Chairman, Vern K5BP is doing a great job.

It is with regret that we announce the loss of Alexander P. Stickers, W5UBE, who became a silent key recently. We've lost track of Fred Kamp, W5UMD, whose newsletter was returned by the PO. Sid, W5UAU thinks he moved to FL...does anyone know for sure?

-- Pat Pattee, W5POH --

LONG ISLAND QUARTER CENTURY WIRELESS ASSOCIATION

The April 11, 1980 meeting at the Coral House Restaurant, Baldwin, LI, was attended by 59. Frank Fix, K2AW and Karl Johnson greeted all comers.

At the head table, Chairman Frank Bruce, W2QQD was accompanied by his xyl; Mr. and Mrs. Harry Feeney, of Baldwin, & our Chairman Emeritus, Arthur K. DeVinney, W2RRY, of East Rockaway and his lovely xyl; and treasurer Clifford, W2HVD, Campbell and guest speaker Harry Thomas, WB2DCJ, an engineer for the Long Island Lighting Company.

Clifford Campbell announced that the Chapter was celebrating its 5th anniversary with fine wine, and that a door-prize would be drawn. About 8:40 PM, Chairman Bruce, W2QQD, opened the regular meeting with a few words about our 5th anniversary and Arthur DeVinney provided historical data on the creation of the Chapter. Arthur Greenburg, W2LH, known from Coast to Coast and around the world was presented with his "Century Award" and, Edward Hopper, W2GT was honored by the presentation of his Golden Certificate. The "Executive Board" was thanked by membership for planning of the fine dinner meeting.

Harry Thomas, WB2DCJ was introduced as "Speaker of the Evening" and his subject was "Lightning"...this was a fascinating, education and interesting talk that held attention of all hands. He was given a standing ovation! W2RRY, commented on his early days and experience with Lightning! Bob Poucel, W2AYJ commented on his Lightning experience in connection with his work for the New York Telephone Company

Henry Clark, K2DW, was the lucky door prize winner, with the "Dinner for Two," at the Coral House Restaurant. The next meeting is scheduled for Thursday, June 12, 1980, at the Coral House, Baldwin, LI, NY.

Frank Bruce, W2QQD, for Dave Winter, W2AUF-

METRO NEW YORK CHAPTER QCWA

A meeting was held March 12, 1980, with 53 present, held at Rosoff's Restaurant in NYC. Everyone was pleased to see Al O'Hara, W2OG, First President of the Bronx Radio Club in 1920!

At the head table were such notables as Dr. Max deHensler HB9RS, President & Founder of the United Nations Amateur Radio Club; Blanche Randles, W4GYX/1, President YLRL and QCWW; Wes Randles, W4COW/1, Activities Manager QCWA and the President of Yankee Chapter; Bob Merrian, W1NTE, QCWA, and Founder of Steam Engine and Electronics Museum in Rhode Island, who gave a most interesting talk with slides, of the history of the Communications receiver; Frank Gunther, past President of QCWA and recent recipient of the 60 Year Golden Certificate; Dr. Christine Haclok, WB2YBA, VK2AGZ, past President of YLRL and currently President of the NY Chapter of YLRL; Frank Shepard, Secretary of Radio Club of America, and holder of many patents in electronics.

- Dave Winter, W2AUF -

CENTRAL OKLAHOMA CHAPTER No. 63

The May 4, 1980 meeting of the Chapter was attended by 40 members and guests. An excellent program was presented by Mr. Densel L. Myers, of the Oklahoma City Junior College on the Subject of "Oklahoma Heritage". The presentation was informative and interesting and enjoyed by all. It provided a chronology of events since the very beginning and some of the events revealed new knowledge, even to native Oklahoma residents.

The Ramada Inn where the meeting was held provided ideal food and meeting facilities, making the eye-ball QSOs most enjoyable. Two new members were welcomed to our Chapter & other prospective members are being pursued (we're gaining on them)!

Coming events were announced as HAM-COM in June and HAM-HOLIDAY in Oklahoma City in July, where a QCWA breakfast is scheduled to be co-hosted by our Chapter.

EAST TENNESSEE CHAPTER

The East Tennessee Chapter, #60, met at the Howard Johnson Restaurant North, in Knoxville, TN, on April 5, 1980. The regular feature of a five minute talk on "How I Got Started in Amateur Radio" was given by John Burke, K4LO, from Oak Ridge, TN.

The featured speaker was Larry Perry, from Oak Ridge, who practices regularly before the FCC in Washington, and is an advisor to the Chairman of the FCC, and the U.S. Department of State on communication matters. He gave a fine assessment of the "Ins and Outs" of the WARC-79 conference. It was good to hear about the wonderful part the ARRL played, both prior to and during the conference. I think we need, every once in a while to pause and consider the effort expended to keep Amateur Radio as we know it, in good shape.

QCWA Continuous service Awards were given to:

Dr. K. H. Morgan, W4WB

Phil Ewald, W4EWR

Aubrey Roberson, W4OH

They are pictured below in that order, L-R with Chapter President, Roaul Wright, K4EAJ, at far right!



73, Bob, W4HHQ

GATEWAY CHAPTER #96

Officers have been elected for the Year 1980. They are:

Alex Hilliard, K4SP, President

Bob Cutting, W2KGI, Vice President

Jim Dixon, W4JL, ScTy/Treasurer

The Chapter meets the third Saturday of each month at Uncle John's Pancake house, 6139 Beach Blvd, Jacksonville. The on-the-air meetings are on Saturdays, 11:00AM, on 7230 kHz.



In the Pix, L-R are: Alex, K4SP, Bob, W2KGI, & Jim, W4JL.

NOTICE, NOTICE, NOTICE.....THE QCWA BOARD OF DIRECTORS, AT IT'S RECENT DAYTON MEETING, REQUESTED THAT HUSBAND/WIFE AND FATHER/SON QCWA MEMBERS DROP A CARD TO HEAD-QUARTERS SO THAT THE BOARD MAY HAVE ACCURATE INFORMATION REGARDING THE MEMBERS OF SUCH TEAMS IN QCWA.



Case, KL7GCH, sent a pix, at right, taken in 1978 at Anchorage. Says he can't get in the Sunday PM net because Herb, W6FQ has his beam to the east!



QCWW

QCWA's QCWW is really going to town - QCWW came into being as a result of planning by Ethel Smith, K4LMB, in a meeting with Blanche Randles, W4GXZ and Onie Woodward, W1ZEN. The Chapter now, in just a few short months, 104 Charter and a total of 115 members. The Chapters By-Laws, are planned to call for a President, Vice President, Secretary/Treasurer & two Board members. In compliance with QCWA requirements a panel of Officers have been functioning, pro tem:

Blance Randles, W4GXZ, President

Onie Woodward, W1ZEN, Secretary/Treasurer

Ethel Smith, K4LMB, Publicity

Babs Corey, W4HYV, Editor

Helen Drake, K5ECP, Net Chairman

A nominating Committee, chaired by Donna, W8QOY, has been appointed to produce a slate of candidates for election!

The QCWW Net meets on Tuesday, at 1900, UCT on 14,295.... All QCWA members are welcome to check-in. The Chapter has two Logos prepared, and will choose one or the other soon.. both are fine!

-Blanche, W4GXZ-

SOUTHERN ONTARIO CHAPTER

Chapter 73 held it's Spring Luncheon at the Crestwood Restaurant on May 10, 1980, with 56 attending. We had the pleasure of had distinguished guests -- Noel Eaton, VE3CJ, President IARU; Harry Dannals, W2HD, President, ARRL; Bob, W3PS, ARRL Legal Counsel; Colin VP9BK and Tom, GW3DGZ.

Since May is our election month, I am pleased to announce our new Officers are:

Fred Hammond, VE3HC, President

Ted Bodman, VE3CD, Secretary/Treasurer

For some time the Chapter has been running wo nets on 3773 kHz...Sundays at 0900 and 1300 local time. The Freq. was chosen as the Chapter No., backward and forward! The late net has been plagued with poor signals and it is now been decided to try 7090 at 1300 hours. The first time 40 worked well, and perhaps we shall be able to get linked up with the Ottawa Chapter!

The Chapter meetings, held at the Crestwood, are convenient to many, Hamilton is in the middle, and pretty easy to get to, even from Buffalo or Toronto...some drive 200 miles to make a meeting.

This is one of my last acts of office..I've enjoyed working and I know that you all will find VE3CD a very capable Secretary.

73, Les, VE3QE.

1980 QCWA NAT'L CONVENTION

TIME & PLACE: The 1980 Nat'l Convention, hosted by Citrus Chapter, will be held here in Orlando October 31, November 1 & 2, 1980, at the Howard Johnson Hotel at Florida Center. Florida Center is located about 10 miles south of the City at the intersection of I-4 and the Florida Turnpike. Leave I-4 or the Turnpike at this intersection on State Road 435 to Kirkman Road. Continue about a half mile down Kirkman, and there is the Hotel just off to the right. Parking is free and there is ample space!

CONVENTION PLANNING AND ADMINISTRATION: The Florida Council of QCWA Chapters, with a representative from each of the 16 Chapter groups in the state, will be instrumental in arranging the program material, etc. The next meeting of the Council and the Officers of Citrus will be held at the Hotel on June 14th, at noon.

Responsible Parties:

Chalmers Stromberg, W4WLX, General Convention Chairman
6412 Wynglow Lane, Orlando, FL 32808 (305-295-2150)

Lewis W. Sieck, K4NE, Florida Council Chairman
12270 4th Street East, Treasure Island, FL 33706 (813 360 7198)

Keith Street, G3DKS, Chairman of Citrus Chapter
1399 Freeport Drive, Deltona, FL 32725 (305-574-2414)

Ray Reisinger, K4KHP, Vice Chm. Citrus & Publicity & Adv. Chairman
706 G, South Conway Road, Orlando, FL 32807 (305 898 0201)

Chalmers Stromberg, W4WLX, Convention Ticket Chairman
c/o WDBO-TV, PO Box 1833, Orlando, FL 32802 (305-843-0006)

TICKETS AND RESERVATIONS: Pre-registration and Banquet tickets will be handled by Chalmers Stromberg, our Convention ticket Chairman - address & phone number above. Make checks payable to the "Citrus Chapter, QCWA". Room reservations are to be made directly to the Hotel, Howard Johnson Hotel, Florida Center, 5723 Caravan Ct., Orlando, FL 32805, Phone 305-351-3333. It is toll-free from out of state if you call 800-327-1364. Rooms were quoted to us at \$34 & \$44, and the Banquet at \$10. Registration at the door of the Convention will be \$4 for the men and \$3 for the Ladies. Pre-registration to our ticket Chairman will be \$3.50.. for the Men and \$2.50 for the Ladies. All of these quotes cover tax and gratuities. We urge you to get your tickets and reservations early, so we can uphold our commitments to the Hotel.

BANQUET: The Banquet Saturday night will feature a distinguished speaker, and will be MC'd by our Convention Chairman, Chalmers Stromberg, W4WLX. We will probably be hearing from our HQ Staff and National Officers at this time. The price is \$10, with a limited number of reservations available - so, get in your applications for space to the Reservations Chm early.

SPEAKERS: It's a bit too early to report on our speakers, However, we do have one firmed up and are delighted at his acceptance. He is Emory "Bud" Waite, W2ZK, of Venice, FL, a real old timer, and a member of several south Florida Chapters. Bud accompanied Adm. Byrd on 11 Antarctic and 12 Arctic research expeditions as radio engineer and operator. Not only does Bud have some beautiful slides and movies of these expeditions, but he is writing a book about his experiences.

FOR THE LADIES: (and men, time permitting) Buses will be available at the Hotel for transportation to the Airport, Disney World, Kennedy Space Center, Sea World - and all the many attractions of Central Florida. Still in the planning stage is a big Cocktail Party Friday evening, followed by a Luau at Sea World. A trip to the outstanding Malls in greater Orlando area is planned. Citrus Ladies will be on the floor to answer questions & aid with the tours. Also, in planning is a tour of the WDBO Radio & Channel 6 TV Studios. Last, and not least, Al Canning, WB4HAK, has indicated that he may be able to exhibit his renowned collection of Antique Radio Equipment. As these plans are firmed up, the news will be put on all QCWA nets, in the QCWA HotLine and Fall News.

MISCELLANEOUS: A pay-as-you-go Shloshpitality Room will be set up for those with dry throats. Bring your QSL card for the QSL Board in the Lobby. Your tickets will have a number on them for prizes. Amateur Radio Supply of Orlando will have an exhibit and a prize. Other companies are expected to have exhibits and prizes too. Join us on October 31st, and make this the biggest and best Convention in QCWA History!

EDITORS NOTE:

The Orlando Convention promises to be one of the best we've ever had...a beautiful place to go & a veritable hot-bed of QCWA Members to visit. to renew old acquaintances and to just have a good time looking and talking. Planning a convention is plenty of hard work....each of you can make it easier by registering right away...don't wait until the last minute. The fees are nominal, and early registration allows the Committee to make plans for food, entertainment and space. Waiting just might see tickets hard to get. So, please, if you can, pre-register right now. Forms are available on page 47 of this newsletter!

FORT WORTH CHAPTER

W5IWE described the requirements for a really fine hidden transmitter hunter. For your approval, they are: "one must possess several qualifications: 1)Expert auto driver with ability to turn corners on 2 wheels; 2) have four hands (steering wheel; radio controls, antenna control and the 4th for an 807; 3) ability to run a mile on foot when it is determined that hidden transmitter is otherwise inaccessible; 4)point competitors in wrong direction; and 5) of greatest importance, a 6th sense that steers him unerringly to the hidden transmitter! Well said!

The Chapter welcomes new members:

J. L. (Lee) Caudry, N5ASV
Ernest R. Forrest W5OHE

Jack Mahler, W5NII reports that John Sikes, K3SRK, is going to visit about May 25...John builds telegraph keys & is famous for it!

-Ray, W5IWE -

ARIZONA CHAPTER

The Chapter's Spring Pot-Luck Get to Gether, scheduled for April 19....hope that it was well attended.

Chapter members are reminded that on the Air business meetings are conducted every Sunday at 8AM on 3892 kHz. All members are urged to attend, and non-members are welcome to check in, and observe activities. The latest HLR reports and news are broadcast.

Everyone was happy to hear W7CS, John Ingwersen back on the air. John has had a difficult time getting on as a result of a sight problem. W7KIH & some other fellows have rigged up a system whereby John can maneuver his Atlas around the bands now...good to hear him again!

Be sure to send information on your activities to Lucky, K7NTG!

1980

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THE TITANIC DISASTER - RECKLESS SEAMANSHIP?

by D. K. deNeuf, W1SPM

Why, 68 years ago, was this luxurious multi-million dollar superliner running at a speed of over 22 knots through a field of icebergs about which Captain Edward J. Smith had been specifically and adequately warned by wireless messages? Why did he gamble so recklessly, even though the Titanic design was beleived to make her absolutely unsinkable under any conditions?

At 11:40 PM, April 14, 1912, the Titanic struck an iceberg which tore a 300 foot gash in her starboard hull. Over 1500 of her 2224 passengers lost their lives - she sank to the bottom of the Atlantic in a matter of only 2 hours in water over two miles deep.

A Texas oil millionaire, Jack Grimm now hopes to find to find some of the answers through an extensive underwater search in the "Aluminate", a specially designed submarine. The "Aluminate" was used in the 1950's to retrieve a hydrogen bomb the U.S. Airforce accidentally dropped into the ocean off the Coast of Spain. Such projects are not entirely new to Mr. Grimm - he financed searches for the Loch Ness Monster, "Big Foot" and Sasquatch". He hopes to produce a movie about the search with Orson Welles as the narrator, and to find the ship's logs. (But there is also the matter of a rumoured \$200 million worth of Antwerp jewels still stashed away in the Purser's Office!)

The SS California was less than 20 miles away from the Titanic when she sank and she could have saved many of the Titanic's passengers. But, even though equipped with wireless, her single wireless operator had gone to bed for the night and her crew was completely ignorant of the disaster.

"it's an ill wind --" etc., - One plus came out of the tragedy...new maritime laws were enacted requiring all seagoing vessels to be equipped with wireless apparatus (very few were, in those days) and for large passenger liners to maintain a continuous "wireless watch". Smaller vessels such as freighters carrying only one operator were eventually required to be equipped with the automatic SOS alarm receiving apparatus.

Donald K. deNeuf, W1SPM is one of the most prolific researchers and writers in America today. His interest is wide-ranging, his desire to get facts into print while there is yet time to establish them, and to get confirmation from some who actually participated in the events which have formed the basis for the tradition of Radio Communication.

Don was born in Seattle, Washington, attended Columbia University, in NYC. His Amateur career began in 1920 with his call 6ACZ. In 1925 he went to sea as Radio Officer aboard the "Lurline" (WML), later serving aboard the "Matsonia", aboard the President Polk, and the "President Garfield." Coming ashore in 1928, with RCA Communications, in San Francisco. In 1930 he joined Press Wireless as Vice President - with time out in WW-II serving in the Navy, as a lieutenant. After the War he became Chief Engineer & General Manager of Northeast Radio Corp. In 1957 he returned to Press Wireless and Executive VP, and was elected President in 1963, retaining that position until 1965.

His Amateur activities include Election as Fellow, Radio Club of America in 1974 and, he was recipient of the Houck Award, Antique Wireless Association, 1978, for his work in Historical Documentation...He is a Member of the QCWA Golden 50-Year Certificate Club, and has recently received the Golden 60-Year Award.

PRE-REGISTRATION FORM - QCWA NATIONAL CONVENTION, 1980

October 31,
November 1 & 2
1980

Mail to: Chalmers Stromberg, W4WLX, Ticket Chairman
c/o WDBO-TV, P. O. Box 1833, Orlando, FL 32802

Fee: for men, \$3.50; for women, \$2.50; Banquet Fee is \$10.00 each

Dear Chalmers: Please pre-register me and guests, as listed below, for the 1980 Convention, at Orlando!

Name _____ Call _____ Amount _____

Address _____

Name _____ Call _____ Amount _____

Address _____

We will need _____ Banquet tickets @ \$10.00 each Amount _____

Total Enclosed _____

LAKE ERIE TRI-STATE QCWA CHAPTER #122



The second meeting of the Chapter was held March 17, at the David Mead Motel, Meadville, PA. Luncheon was served to twenty-four who were in attendance. Two New York Amateurs, Ralph Winship, K2LLL & Gerry Otteni, W2FD, were present.

Highlight of the occasion was the talk by Henry Harley, VE3BR, who motored from Canada and who made the Charter presentation. Ken Lloyd, W3QN, was presented the 50 Year Golden certificate for continuously licensed Amateur operation. Paul Gerbracht, W3QPP, Sid Stacey, W3MMJ and Ken Lloyd displayed their

recently earned Award from the Northern Lights Chapter #92, of QCWA. More Official presentations of the Golden Certificates and Northern Lights Certificates are forth-coming.

The Crawford Amateur Society is holding it's 6th Hamfest at the Crawford County Fair Grounds. Prizes will be given...Admission is \$3.00. If you can attend you may get information by writing to C.A.R.S., PO Box 653, Meadville, PA 16335..... Two-meter talkin on 63-03/04-64 & 81-21. Bring a prospective member! The Lake Erie Tristate Chapter will be donated a booth during the Hamfest!

Bert Van Houten, W3TPW and Ted Piotrowicz, W3UQG are recent participants in the QCWA NEWS Brain Teasers. Ne members you may not have met are: Bob Johnson, W2TTW, Andy Anderson, W3YLI, Jim Vieira, W3PJP, Clarence Moser, W3RLJ, Don Hedderick, W3TMK, Ed Niew, K3ABG, Mac McQueen, KL7AVX, and Joe Szabat, W3LST....

Records at QCWA Headquarters show that both, Homer Ellis, K3CB and Wilbur Gross, W8BKM, were members in godd standing at the time of their death. A certificate of LETS posthumous memb ership will be presented to their XYLS at a future meeting.

A Historical Data sheet and questionnaire is being mailed to all members. The LETS radio net on 75 meters, at 9:30AM, Sunday on 3915 has good attendance. You're invited to check in!

In the picture, upper left, are the three recipients of the Northern Lites Awards;

Paul, W3QPP; Sid, W3MMJ & Ken, W3QN. Above, at right are shown Paul, W3QPP, First President of the Chapter (at left) receiving the Charter from Henry, VE3BR at the March 17, 1980 meeting.



- Paul, W3QPP -

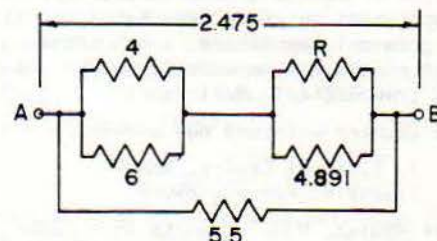
KORANYE'S FOLLY

Pictured below, a circuit that could trouble Einstein. We can't work it--- can you? All values are resistance in ohms, solve for "R".

Send your answer to Ted at:

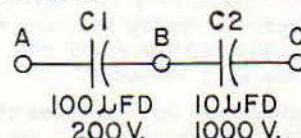
Ted Koranye, W2SFW,
Knight Rd, RD#2
Vestal, NY 13850

should we try the Wouff Hong on him?



Oh! Oh!

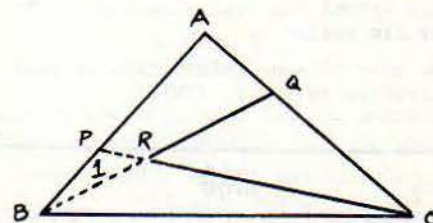
The circuit shown below, two capacitors in series, pretty simple. Solving the problem isn't.



Problem: The capacitors are assumed fully charged. A short-circuit occurs between points A and B. When equilibrium is established, what voltage will be found across C1 and C2. Assume no leakage current flows!

Send your solution to:

Robert E. Gordon, W1KUL
Cote Road, RFD 1
Monson, MA 01057



Given, any scalene triangle, A, B, C, where sides AB and AC have been trisected at points P and Q respectively.

Draw lines PC and QB forming triangle BPR having area of 1 (unit 1). Find the area of the original triangle ABC

Send answers to:

Svend T. Gormsen, W4SZ
1536 Del Webb Blvd
Sun City Center, FL 33570

THE NIAGARA FRONTIER CHAPTER HAS ISSUED ONE OF THE FINEST DOCUMENTS LISTING THE VITAL STATISTICS OF THE CHAPTER AS WELL AS A COMPLETE ROSTER AND NEWLY ADOPTED BY-LAWS!

Our congratulations to those boys who have certainly done a job to be proud of.

- W5EJ -

Dear QCWA Member:

Our QCWA Scholarship fund is struggling to establish itself as a self-sustaining entity. It must grow to at least \$10,000 so that interest earned will provide the funds for paying our regular financial assistance gift to students, who are amateurs, and who need help.

The annual grant is made in the name of all QCWA members, past and present. Many of you have given generously. To you, our thanks....if you haven't yet contributed, send a check, in whatever amount you can afford, to QCWA, Inc., 1409 Cooper Drive, Irving, TX. 75061. Mark it "Scholarship."

And, all donations qualify as Charitable Deductions for Federal Tax Purposes.

Leo Meyerson

Leo Meyerson, WØGFO
Chairman,
QCWA Scholarship Committee

800510

QCWA FUNTEST PROBLEMS

The angle between two forces acting on a point is 61.2° and their resultant is 513.9 lbs. One of the forces is 362.8 lbs, find the other force (X in Fig. 1). Determine the Angle Y (Fig. 1).

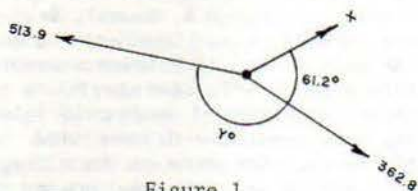


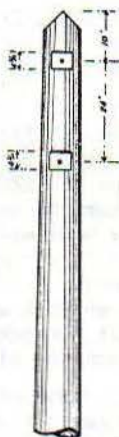
Figure 1

At right is a power or telephone pole. Note that the top portion is all that is shown.

The pole has 2 flat areas for mounting cross-arms.

This treatment of a pole has a unique & strange name.

Your problem is to find the six-letter word which describes the pole so treated.



Problem: Find the diameter of the largest circular tent that can be pitched on a triangular piece of land whose sides are 102 x 118 x 140 feet.

SEND ANSWERS TO THESE TO HEADQUARTERS!

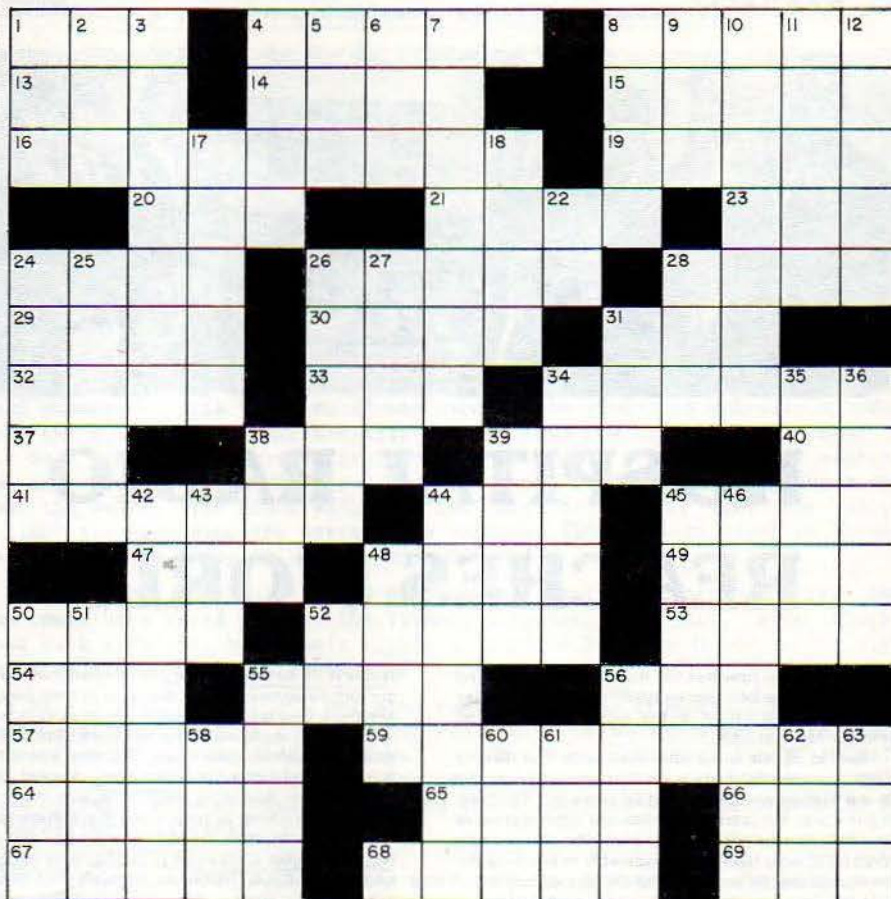
See opposite page for Ted Koranye's toughy...send your answer on it to Ted we can't work it!

SPRING QCWA NEWS BRAIN TEASERS

Those sending in Answers with Calls	Length of Belt Problems Loop Belt	Cross Belt	RR Track Problem
Correct Answers	47.77'	49.28'	0.15'
Ted Koranye, W2FW	47.77	49.28	0.15
F. Wendell Tietzworth, W2SUE	34.72	44.07	0.15
Tom Hampton, W5AUD	47.75	65.60	0.46
Bill Mumford, W2CU	47.77	49.28	0.15
John Estes, W5HB	47.77	49.28	0.15
Ernie Scales, W7MME	47.77	49.23	0.15
I. Queen, W2OUX	47.77	49.28	0.068
Joe Brady, W2SLF	47.77	49.23	0.15
Sid Hatch, KB8JU	47.77	49.28	0.15
Norman Hicks, W6JMA	47.89	50.48	0.16
Bernard Ostrofsky, W9IQ	40.76	49.24	-
Walter Larson, W6WL	47.77	49.28	0.15
Robert Gordon, W1KUL	47.77	49.28	0.15
Fred A. Linn, W9NZF	-	-	0.15
Eby Ebert, W8SM	47.77	49.28	0.15
T. G. Lucas, W9BS	47.83	50.74	0.15
John A. Davies, W8HZA	47.77	48.50	0.15
Richard N. Lynn, AF4W	47.90	58.64	0.15
S. Andrews, K6MO	47.77	49.28	0.15
Allen C. Ward, KA5N	47.02	49.28	0.15
Jack D. Rider, K4IHX	-	-	0.15
Harold G. Towlson, W2BDE	47.77	49.28	0.15
Steve Buroker, W7VMP	47.77	49.28	0.15
Bob Warren, K1POM	47.77	49.28	0.15
Harold Mumford, W6CU	47.77	49.28	0.15
Howard J. Hansen W7MRX	47.23	49.29	-

We are always amazed that our members can bring off such a good of figuring. Errors are almost always getting a wrong sin or cos value or something similar. Youse guys are schmartd! and, the problems in this NEWS are gonna be tough.

WE WELCOME PROBLEMS FROM MEMBERS OF QCWA. IF YOU'VE GOT A GOOD ONE, SEND IT IN, WE'LL USE IT SOONER OR LATER. BE SURE TO SEND THE ANSWER TOO. WE JUST AIN'T SMART ENOUGH TO WORK EM ALL!



W4BP CROSSWORD PROBLEM NO. 1

HORIZONTAL

- An XYL
- Warble
- Large City in F7 land
- Paraffin
- Magic
- Get up
- Heard during most QSOs
- Ermine
- Your transceiver
- Used to be brass(pl)
- Cheer
- One type of repeater
- Native community in SX
- Facial nervous habit
- Got there
- FCC rules, slang
- No. American carved pole
- Blessed be the --- that bind--
- Consumed
- Capacitor used to provide a low impedance path
- One, or article
- Mourn
- Chum
- A kind of power increase or address (abbr)
- British term for assisting another person (pl)
- Unit of relative power
- Others
- A VE3 province (abbr)
- An OAA OTH
- An Amateur Ass'n
- A type of end-fire ant.
- Ewer
- Seize
- Math course (abbr)
- Shaker or cellar
- License class (abbr)
- Soleens
- Common carbon-zinc dry cell type
- A current happening
- It dances on a CR tube
- A long, long time
- Abodes of birdies
- AF or IF circuit
- Sault Marie

VERTICAL

- A ratio of E & I
- Owens
- Final or ultra
- A form of math
- Wig or mat
- Hostel
- Undesirable flow of current in a circuit
- What you did to get FCC form 660
- Craft or skill
- A Jerome Kern musical
- Jacob's parent (bib)
- Bankers or merchants
- Types of waveforms
- Grasslands
- non-espoused amateur operator
- Tube socket with aligning pin
- Thomas, American Patriot
- W8JK antenna array developer
- Network
- You do this to a coil
- An espoused amateur operator
- Antenna matching device
- A 1920 type of transmitter
- Room (Fr)
- "Say again" (abbr)
- Sprite
- Driving glasses
- One (prefix)
- Finest (slang)
- Eroded
- Comas
- Weary
- Office or household
- An energized circuit
- A basic college degree
- High flying planes
- Trigger used in computers and counters
- Explosive (abbr)
- He makes out my Form 1040
- A record of your QSO
- Like the plate of your final
- A compass point

by Reid Martin, W4BP
May, 1980

Reid Martin, W4BP outdid himself, making our first crossword puzzle for QCWA. After completing it, his comment was that he had a great deal more respect for those who do this for a living, Hi. Answer will be published in the FALL!



HOSPITAL RADIO REACHES WORLD

Our hospital now has the means of transcending all international boundaries whether by night or day and to reach anyplace in the world which has an amateur radio station.

But as is so often the case with our Shrine institutions much of the work that went into setting up our station was performed by some not Shriners. In particular, we want to express our appreciation to Mr. Bill Reeves (WD5JRA) and Mr. Mike Berry (WB5UVX) who labored considerably in erecting the tower, placing the antenna atop the 50 foot summit of the tower, running transmission lines and cables and making the many connections necessary to put our first radio station on the air.

The Barney brothers, Mr. Charles M. Barney and



Judge Gayle Hamilton

Our congratulations to the ARK-LA-TEX Chapter of QCWA, who sparked the work which produced this fine station. It is cooperation between Amateurs that makes us proud!

The story and the activity came from Shreveport, LA, where our good friend, Irv Wolfe, W5RQH holds forth!

ARTHUR H. LYNCH, W2DKJ/W4DKJ...Born 1894, passed away March 1, 1980. I'm writing sadly, of my old friend. A friend since the late 1920's, when Arthur was Editor of Radio Broadcast Magazine & living in Garden City, NY. In the 1930's he was in manufacturing, and then as Representative for National Company....He was a pioneer in Aviation, and in VHF amateur radio - and largely responsible for W2USA, at the 1939 Worlds Fair...He was a flyer of large kites--and who can forget the Derby Hat worn at all conventions? He was a fine CW operator, often taking part in roundtables via that mode of transmission.

Arthur supported many organizations with his membership and help...several QCWA Chapters, the ARRL, and Radio Club of American, just to mention a few. There is no way for me to do justice to his activities and accomplishments. I am sure his many friends in the Ham fraternity will miss him, as well as his business associates and friends.

73 & 30, Old Friend...Frank, W2AMJ

Noble R. O. Barney (W5ISP), single handedly built the custom designed cabinet. Because of their own work schedule they were required to get up as early as 2:30 to 3:00 A.M. many mornings and work until 6:30 A.M. when they left for their respective jobs. We consider this real dedication and owe them a great deal of gratitude for spending weekends and many early mornings working to help make the station reality.

The whole idea started over a year ago when Noble Douglas E. Stewart (W5QEI), now deceased, and Noble Gayle Hamilton (N5AOF) first talked of setting up a station. Mrs. Carolyn Stewart, Noble Stewart's widow, was present at the dedication of the station on Tuesday, Dec. 11, 1979. She donated the first equipment in memory of her late husband before the project was barely under way.

The above recognition is not meant to take away from the efforts of Nobles Dwight Brown, Jr. (W5WE), Walter Slay (KA5LV), Ben Laurents (W5JAH), Virgil Holobaugh (W5LMS) and Andrew Lord (W5MFS). Noble Laurents was the technical advisor while Mr. Bill Reeves had charge of the tower construction, placing of the antenna and leads from it. Noble Brown drew up the plans for the very elaborate cabinet which houses our radio unit and he as well as Nobles Holobaugh and Lord all worked together to install the equipment along with those already mentioned. Nobles Holobaugh and Barney even drove at their expense to Houston, Tex. to pick up some of the new equipment so as to avoid the possibility of damage in shipment.

It can truly be said that this was a product of sincere desire to develop the hospital facilities toward the best interest of "our children". The initial night's operation alone which took place on Tuesday, Dec. 11, brought us in communication with more than 20 other nobles all around our country as well as Canada. We talked that night to the station located at the Philadelphia Shrine Hospital (W3FQT) as well as with other nobles who sent us best wishes from California to Florida- from Chicago to Canada.

W5EJ

TYLER CHAPTER

W 5 I Z U
Frank A. Sewell, Sr.

1907 - 1980

It is with deep regret that we record the passing of Frank A. Sewell, Sr., a charter member of our Chapter, and one of the best known and beloved amateurs in this area. He devoted many hours to his hobby and one of his priorities was to have contact with hams whom he dearly loved. Not only was he a "rag-chewer" but he devoted many hours to public service. His passing is a great loss to the Tyler Chapter QCWA and his many other friends.

NESCON

NESCON held it's meeting Saturday, May 9, 1980 at Tarrytown, NY. 16 were in attendance representing 5 QCWA Chapter groups...Yankee, Metro NY, Long Island, Northern NJ and Delaware Valley. The Happy Hour was at 11:30AM, with dinner at 12:35PM. W4COW, President, opened the meeting with greetings. He asked that we talk up NESCON in an attempt to get greater representation of the NE Chapters of QCWA.

The purpose of NESCON is to discuss & make suggestions and produce ideas for the benefit of QCWA and maintain communications among the Chapters to let them know what is going on of interest to other Chapters.

Officers were elected for the coming year. They are:

Sam Moses, W1ASD, Chairman
Wes Rändles, Vice Chairman
Dave Winter, W2AUF, Scty/Tr.

- Dave

S A R O C
1980

Bert Ayers, W6CL sent the pix below... Taken at SAROC 1980. L-R, back row:

W6ATC, W6DRV, W6LPJ, and in front, W6CL with W6MLZ.



Picture by K6AYU!

CANTON, OHIO CHAPTER

The Chapter is celebrating its 17th anniversary. For the past 5 years the average meeting attendance has been about 40.5....At the present time we have 62 on our mailing list and 24 on inactive list. Six new members were added during 1979...W8LB, W8LDR, W8FEC, W8DIR, W8SSA and the last being Sam Plessinger, W8GRP. Sam is a teacher at Goodyear Junior High School. His first call was KN5DNQ, his father has the call KA8AGS.

The Chapter's February meeting was well attended. Guests were Ed Gammeter, W8CSU and XYL, Dorothy. Ed is a member of the Pittsburg Chapter; Art Schermerhorn, W8FEC; Howard Marks, WB8OBW and wife Shirley; Frank Woodall, AK8W and wife Kay; Stan Smith, WA8NZE and Doris, WE8IKC, Larry Schmader, K8RMY and Hilda; Dick Holben, K8DQV and Joanne, WA8CNI, Derald Kraft, WD8KPO and Lorna, and Bob Shorb, W8KPR. The program featured Howard WB8OBW and Frank AK8W, showing slides of their DX-pedition to Montserret, in November.... We thank them for sharing their vacation with us.

---W8OYV---

PIEDMONT NORTH CAROLINA
CHAPTER #126 OF QCWA

Our Chapter is off and running & we have high hopes for an active, interesting future. As you can see from the heading, we are now an Official Chapter of QCWA.. This Chapter compliments the Blue Ridge & Coastal Carolinas Chapters, giving a complete coverage of N. C. Since the original Carolinas Chapter was formed in Raleigh in 1971, we have, in nine years grown into four groups covering North & South Carolina.



In the picture above are shown, L-R, standing: are W4YVZ, W. P. Pilker; W4YPZ, R. F. James; K4DID, T. Donaldson; W4QI, L. Holland; W4NJS, C. Shoen, W6ORK, G. Beckerman. In the front row are: W1VMD, R. G. Low, President; K4JO, E. Valentine, Sec/Trea; W4DSN, M. L. Buchanan, V. Pres. & W4UH, H. Elwell.

The next meeting of the Chapter is scheduled for June 7, 1980, at the Holiday Inn, Asheboro, NC. After a short business meeting, George Beckerman, W6ORK will present a slide and talk program. There should be plenty of time for eye-ball QSO's...the ladies are welcome too, and we hope that many will come with the OT's....

- K4JO -

Beaver State Chapter

A Saturday morning breakfast on Jan 16 was held at the Village Inn, in Salem, OR. About 45 attended. Morrow Electric Company opened their factory for a tour that 25 of the group enjoyed greatly.

On March 23, a fine Sunday afternoon dinner was held. It was at North's Chuck Wagon in Eugene. Attendance was 57... Jay Teed, W7UIU, borrowed the ARRL film on Amateur Radio... It surprised some of the OT's who hadn't expected anything as nice. There was applause after the showing. Jay is a professional projectionist, had a good machine and knew how to do a great job! Joseph Borsch, W7PNS, from Portland Radio attended the meeting and presented a door prize, which was an electronic Clock kit, won by the Chapter Secretary!! Dick was accused of putting honey on the ticket so it would stick to the fingers of the person selected in the drawing.

The Chapter noted that Wallace Winkler, W7KL lost his wife, Arlie, on the 14th of February. We all extend our sympathy to Wally!

- Dick, W7EFS -

MOHAWK VALLEY CHAPTER QCWA

The Mohawk Valley Chapter held it's spring meeting on May 3, 1980, at the Ramada Inn in Orishany, NY. 54 members and guests were present.

The meeting featured the presentations of Golden Anniversary Awards to two members. Chapter President, Carl Daniels, W2ODA, made the presentations to Francis H. Thisse, W2BJI & to Robert E. Brown, W2CCA.

The program for the evening was a lecture and slide presentation by Dr. William Gotwall, Utica College. The subject was: "East African Wildlife: Soon to be a memory," and it was a very interesting and informative program. A different view of DX!

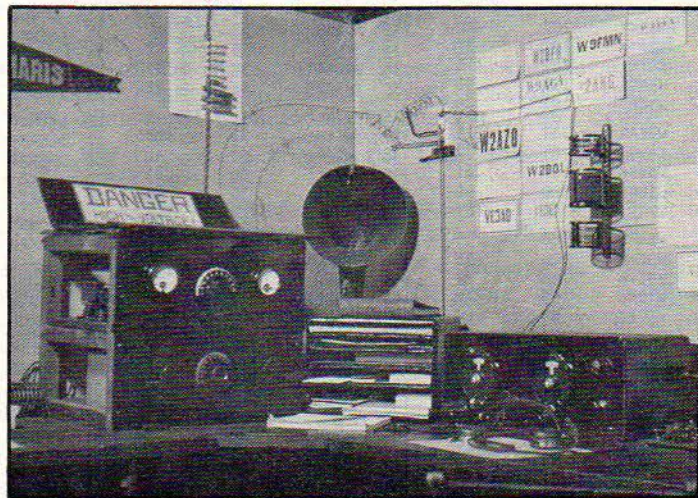


In the picture above, L-R are: Robert Brown, W2CCA, Carl Daniels, W2ODA, Chapter President and Francis Thisse, W2BJI at the Award presentation ceremonies.

-Charles, W2WGL-

MEMBERS OF QCWA WHO HAVE NOT REINSTATED, OR OTHERWISE TAKEN STEPS TO UPDATE MEMBERSHIP SINCE DECEMBER, 1978, ARE BEING REMOVED FROM THE ACTIVE ROSTER OF MEMBERS. REINSTATEMENT TO FULL MEMBERSHIP, WITHOUT PENALTY, CAN BE MADE AT ANY TIME!

John Anderson, VE3ARP, sent the pix below of his 1939 rig.. Licensed as VE3CR. John says it tood from September, 1929 to July 1930, to get it built and working!



The receiver was a detector & two-steps of audio, battery operated. Transmitter a pair of 210's in parallel, in a Hartley, 750 V. Rectifier was a 24 bottle, lead & aluminum with Borax. The Antenna a Windom, tied directly to the tank with a light-bulb in series...Those were the days, no TVI!

1980 QCWA QSO PARTY LIST OF LOGS RETURNED AND STANDINGS OF THOSE WHO TOOK PART, IN SO FAR AS TOTAL CONTACTS THAT WERE MADE. PLAQUES TO THE HIGH SCORER FOR THE CW PARTY AND THE PHONE GET TOGETHER HAVE BEEN PREPARED AND WILL BE AWARDED SOON.

1980 CW PARTY

No.	Call	Score	Chapter
1	K9CLO	246	83
2	W4YE	243	91
3	W9IB	243	2
4	W4UQ	236	116
5	W5KL	223	90
6	W4NH	212	91
7	K2HA	206	AL
8	W7ULC	204	108
9	W9LNU	201	2
10	W8HMF	200	10
11	W2CI	196	AL
12	W5AS	192	63
13	W5JC	191	38
14	K7BZ	187	16
15	W7JSZ	186	16
16	W3ABC	175	23
17	W9CA	179	2
18	W8AP	175	25
19	W1PL	171	112
20	K2GH	170	77
21	N4ARO	166	60
22	N5EN	165	27
23	K4EZ	159	49
24	W4OMH	159	118
25	W1GKJ	158	112
26	W9MKL	157	2
27	VE3BR	150	73
28	W5QF	143	54
29	K4LMB	135	23
30	W6FQ	135	7
31	W4XD	134	AL
32	VE3JT	133	73
33	W4MOX	130	111
34	W8MJG	129	22
35	W4WQK	129	84
36	W5OB	125	109
37	N4ZH	124	76
38	W4BK	117	32
39	K4NE	117	32
40	W1TEE	116	AL
41	W6UA	116	7
42	W6IL	115	7
43	W9TGB	115	2
44	VE2PJ	115	AL
45	W6BYH	114	99
46	W8AII	113	25
47	K5WK	112	AL
48	W9MS	112	2
49	N2AOX	111	81
50	W9HPG	111	2
51	W6TKT	108	AL
52	W2AYJ	107	81
53	K4TH	107	116
54	W9NGB	104	36
55	W3EE	102	20
56	W8EAR	101	21
57	K4WQ	101	32
58	W8VSK	101	61
59	W4IUN	100	46
60	W2GP	100	81
61	W2RPH	100	5
62	W9CAS	100	55
63	W9CIB	100	2
64	W1CNU	99	AL
65	W6VJN	98	LA
66	W9JK	98	55
67	W3PLI	96	AL
68	W2CFY	93	AL
69	W7PGU	93	42
70	W2DW	92	95
71	W5CJZ	91	41
72	VE7QC	90	98
73	DL1YA	89	106
74	DL3CM	89	106
75	W6PHE	88	7
76	VE6NM	86	AL
77	W3ADE	83	37
78	W8EFK	83	45
79	W8TTA	81	AL
80	VE3BHM	81	70

161	W7TO	16	AL	51	W5BED	62	90
162	W2AJM	14	46	52	K4FCW	60	32
163	W0UGY	14	AL	53	W8TAT	61	8
164	W5EJ	13	65	54	W8IELI	60	96
165	DL9CC	13	106	55	W8SS	59	61
166	N6BGK	12	108	56	W2FFQ	57	AL
167	W2DBQ	12	AL	57	W4MOX	57	111
168	W8WYH	12	9	58	W9CRN	57	2
169	F31J	12	AL	59	W5EL	54	51
170	Y03RF	11	AL	60	W1JSM	54	112
171	W2UAL	11	81	61	W5SRQ	54	AL
172	K1POM	10	112	62	K4LMB	53	120
173	W5GPD	9	27	63	W7AHK	53	4
174	W5SRQ	9	AL	64	W8EN	53	25
175	W9GDD	9	55	65	W8CFU	53	102
176	DL1SF	9	106	66	W3GCK	52	20
177	DL3EO	9	106	67	W81HF	52	10
178	DL7CT	9	106	68	W7NJS	50	120
179	W8EGF	8	AL	69	W4JWO	59	49
180	DL1ES	7	106	70	K2EXI	48	46
181	DL3MO	7	106	71	K2FJ	47	65
182	W2CU	6	77	72	N4ZH	42	76
183	KL7EKZ	5	92	73	K9MS	42	2
184	DL1LT	5	106	74	DL1YA	42	106
185	W8PZT	4	30	75	W1BTH	40	112
186	VE3CK	4	73	76	W5RO	40	64
187	C6ANR	3	AL	77	W1BEH	39	112
188	DL1LZ	3	106	78	W5OGZ	39	41
189	DL9HA	3	106	79	DJ1TE	37	106
190	W7GZC	2	4	80	W4BK	36	32
191	W8DYY	2	9	81	K5MXO	32	27
192	W1WY	1	46	82	PY8ZLC	36	AL
193	DL3JK	1	106	83	W4DPN	33	89
194	DL3ME	1	106	84	W4OGG	33	113
				85	W5NC	33	27
				86	W6PHE	33	7
				87	W1NUO	32	120
				88	W4EHD	32	AL
				89	W3UHV	31	6
				90	W1WY	30	46
				91	W2NDW	30	77
				92	W8KXO	29	61
				93	W9LOB	28	2
				94	W9PW	28	AL
				95	K4VN	27	49
				96	W1TIV	26	24
				97	W2AUF	26	46
				98	W1EFW	25	112
				99	VE2CK	25	73
				100	K2HVN	25	81
				101	W5VTA	25	64
				102	W7NIZ	25	87
				103	W2HFR	24	120
				104	W2OW	23	95
				105	W8GP	23	10
				106	W6TFR	22	AL
				107	W7CJ	22	87
				108	W2IP	20	AL
				109	W8VVM	20	30
				110	DL1OY	20	106
				111	W2LH	19	81
				112	W4BIM	18	AL
				113	W9NGD	16	2
				114	W1EOF	15	112
				115	W2PF	15	69
				116	W2AJM	14	46
				117	W4CYT	14	91
				118	DL1SE	14	106
				119	W4JM	13	107
				120	VE6NM	13	AL
				121	DL1KL	13	106
				122	W5URT	12	64
				123	DL9CC	12	106
				124	W1DMH	11	24
				125	W2JGR	11	81
				126	W4TYV	11	60
				127	W7O1O	11	104
				128	W8LXP	11	1
				129	DL6KY	11	106
				130	W9ODV	9	55
				131	W2SNJ	8	77
				132	W2EEO	7	120
				133	W9LRI	7	2
				134	DL1QZ	7	106
				135	DJ2XT	7	106
				136	DL9YP	7	106
				137	W9FJE	6	55
				138	DL7AR	6	106
				139	K4WI	5	86
				140	C6ANR	5	AL

FOLLOWING ARE THE STANDINGS IN THE PHONE PARTY.

1	AF3E	212	53	91	W2NDW	30	77
2	W4PZV	203	111	92	W8KXO	29	61
3	K9CLO	195	83	93	W9LOB	28	2
4	W6FQ	187	7	94	W9PW	28	AL
5	W6UA	187	75	95	K4VN	27	49
6	W9IB	185	2	96	W1TIV	26	24
7	K5AK	161	64	97	W2AUF	26	46
8	W2CVF	156	5	98	W1EFW	25	112
9	W8QON	143	22	99	VE2CK	25	73
10	W5JC	136	38	100	K2HVN	25	81
11	W9JK	131	55	101	W5VTA	25	64
12	K9YHO	125	55	102	W7NIZ	25	87
13	W6RXD	121	7	103	W2HFR	24	120
14	N9ARO	119	60	104	W2OW	23	95
15	AC8K	116	AL	105	W8GP	23	10
16	K6QS	116	14	106	W6TFR	22	AL
17	W2EWT	115	65	107	W7CJ	22	87
18	W4COW	111	112	108	W2IP	20	AL
19	W6IL	111	7	109	W8VVM	20	30
20	W8PIV	110	90	110	DL1OY	20	106
21	W9FDY	104	59	111	W2LH	19	81
22	K5WK	102	AL	112	W4BIM	18	AL
23	W1GKJ	101	112	113	W9NGD	16	2
24	W4GXZ	100	120	114	W1EOF	15	112
25	W4HVU	100	66	115	W2PF	15	69
26	W8HMF	100	101	116	W2AJM	14	46
27	DL9AR	98	106	117	W4CYT	14	91
28	W3GPR	85	68	118	DL1SE	14	106
29	W4YE	85	91	119	W4JM	13	107
30	K4EZ	84	49	120	VE6NM	13	AL
31	VE3BR	84	73	121	DL1KL	13	106
32	W2RPH	83	5	122	W5URT	12	64
33	W9MKL	82	2	123	DL9CC	12	106
34	VE3JT	83	73	124	W1DMH	11	24
35	KL7AVX	80	92	125	W2JGR	11	81
36	K7BZ	78	16	126	W4TYV	11	60
37	W8HWF	76	25	127	W7O1O	11	104
38	W9CA	76	2	128	W8LXP	11	1
39	W3JXQ	75	37	129	DL6KY	11	106
40	N5CP	74	93	130	W9ODV	9	55
41	W9HPG	72	2	131	W2SNJ	8	77
42	K2HA	71	AL	132	W2EEO	7	120
43	W4NH	70	91	133	W9LRI	7	2
44	N5EN	68	27	134	DL1QZ	7	106
45	W2AYJ	67	81	135	DJ2XT	7	106
46	W4QQ	66	49	136	DL9YP	7	106
47	W9CAS	66	55	137	W9FJE	6	55
48	W5QE	64	67	138	DL7AR	6	106
49	W7RIR	64	16	139	K4WI	5	86
50	W3WRX	62	68	140	C6ANR	5	AL

BY ALL ACCOUNTS, THE 1980 QCWA QSO PARTY WAS A SUCCESS, WITH LOTS OF ENJOYMENT BY ALL. MANY COMMENTS HAVE BEEN RECEIVED, AND ALL THANK THE YANKEE CHAPTER FOR ITS SPONSORSHIP OF THE EVENT. ACTIVITIES MANAGER, WES RANDLES, W4COW, HAS PREPARED PLAQUES FOR THE WINNERS, WHICH WILL BE AWARDED WITH DUE CEREMONY. ALREADY WES HAS BEEN THINKING AND WORKING ON THE QSO PARTY FOR 1981. WE HAD EXPECTED TO HAVE A NEW FALL QSO PARTY, BUT IT PROVED IMPOSSIBLE TO COMPLETE ARRANGEMENTS FOR IT THIS YEAR.

WES WOULD LIKE TO HEAR FROM ANY CHAPTER, OR GROUP, WHO WOULD LIKE TO SPONSOR THE 1981 QCWA QSO PARTY. IT WILL OCCUR NEXT FEBRUARY AND MARCH. IT IS PLANNED AT THIS TIME TO INCLUDE THE MULTIPLIER FACTOR USED IN YEARS PAST...THE MULTIPLIER WILL BE EARNED BY CONTACTING CHAPTERS. IF YOU OR YOUR GROUP OR CHAPTER WOULD LIKE TO HAVE SOME FUN, WRITE TO WES AND LET HIM GIVE YOU THE INFO ON HOW TO SPONSOR THE QSO PARTY.

BARNEY'S ANTIQUE EXCHANGE

Managed by Barney Moffatt
W5CJZ

5714 Trail Meadow Drive, Dallas, TX 75230

Quite a few QCWA Members are interested in the old-time stuff, and have suggested that we have a vehicle to permit QCWA members to swap parts, information, and to search for a special bit or part needed to restore, rebuild or go from scratch on old equipment....This is our answer.

Barney has volunteered to keep records, and to coordinate the whole schmeer. If you need six fahnestack clips, or a rheostate, or what have you, send your requirement to Barney. He'll see that it's published herein, and help in every possible way to see you get those needed items.. A few rules are necessary, more may be needed later:

- (1) List what you have (or need) clearly
- (2) List what you will accept in trade
- (3) List your asking price, if no trade
- (4) Answer all replies!
- (5) Only parts or equipment 30 years or more old, Please!
- (6) If you advertise in the exchange, please hold your items for sale/swap for exchange readers
- (7) List your name, call, QCWA No. & Telephone Number

The following abbreviations will help, if the response is large, since space will be premium:

WP = Will Pay; WT = Will take; MO = Make Offer; PP = Postage Paid

There is no cost to QCWA members, neither QCWA, its Officers, Board of Directors, manager or its agents assume responsibility for loss or misrepresentation to anyone.

I WANT A SOCKET FOR A WESTERN-ELECTRIC 212D TUBE. I'll Pay, Be reasonable!

R. E. Garner, W5NK
3845 Monroe Street
Mandeville, LA 70448

FOR SALE: National SW-54; Hallicrafter S-38B; Philco 41-22 RCA 3-BX-51; National NC-183.... cabinet in poor condx. MO, to--

Wendell Cushing, K4VN
6184 San Juan Street,
Forest Park, Ga 30050.

HALLICRAFTERS WANTED, Early models and advertising material.... catalogs, etc. Please write to:

Max de Henseler, HB9RS
320 East 42nd Street, Apt 801,
New York, NY 10017

NEED A CABINET for a Kennedy Type 435!

FOR SALE, a Battery Radio Collection, make an offer. Write or call

Emil H. Patrick, W3MCE
2111 Ridge Road Extension
Ambridge, PA 15003
(412 266 5288)

Wanted: Old transmitting tubes, any condition. Need:

Taylor T-200, TW-75 & TW-150
WE212-D, HK-154, RCA 802 and
RK-28A

Dick Bauer, K5RB
563 Hambrick Road
Dallas, Texas 75218

Need pair 2-10 uFd neutralizing c-pacitors, disc-type, also 4" black bakelite dials.

Barney Moffatt, W5CJZ
5714 Trail Meadow Drive
Dallas, TX 75230

WANTED: BUNNELL sideswiper...WP Ridiculous Price, Arthritis Requires!

-----K6SS (ex W3BTQ)-----
SELL: Original Marconi ink-on-Vellum drawings covering 1912 - 1919. Private collection. SASE for list.

K6RXU, PO Box 49899,
Los Angeles, CA 90049

WANTED: Coupling xfrmr for SW3 want any SW3 or coils, FB7, SW4-SW5, any odd make recvrs early & early bugs! Contact:

Joe Azabat, W3LST
228 Plummer
Oil City, PA 16301

FOR SALE: OSS SPY RADIO

Type SS&-1-1077 Transmitter
Type SSRD Receiver
Power supply for above, no equipment covers....Make Offer.

Write: Harry M. Neben, W9QB
1401 Willow Street
Western Springs, IL
60558

Telephone 312 246 2504.

For Sale:

Radio Engineers Handbook
1914, Bound volume \$10.00

Radio Engineers Handbook,
Terman \$10.00

Have many others. list upon request..

L. W. VanSlyck, W4YM
406 Bon Air Avenue
Temple Terrace, FL
33617

ANTIQUE EXCHANGE ADS ARE FREE, KEEP EM SHORT, BUT USE IT, IT'S YOURS! -Barney

One Lot ...

All items 50 or more years old.. \$30 plus shipment, abt 10 pounds packed:

- 1 - 2200 ohm WE headset
- 2 - National leadin bowls with brass hardware
- 1 - Thordarson carbon mike to grid input xfrmr #2357.
- 3 - Federal anti-capacity SW
- 2 - Hammarlund bakelite cased RF chokes 250 & 85 mH.
- 4 - German RF inductor plugs, bakelite handles, brass
- 1 - Elkey Vacuum tube filament ballast
- 1 - Aerovox open stacked .01 mica capacitor
- 2 - Weston phone plugs
- 24 - Eby "Captain" plain top black binding posts with 8/32 brass mtg studs
- 20 - IRC metalized cast lead end resistors.

Write or call: Cress Donbar, K4YL
4908 4th Ave. Circle NW
Bradenton, FL 33505

813 746 7055 (Phone)

HOUSTON CHAPTER SECRETARY, BOB COX, relayed information that the Chapter had discussed the 1980 QCWA QSO Party and recommended that the split party be eliminated, and that both the CW and Phone portions be held on the same week-end. They could be scored separately, if desired, but activity on the split weeks simply is too low to make a good party. Bob, AB5X

-----Scty, Houston Chap.-----
Will Edwards, K5CN, wrote of experience listening to the Sunday QCWA NET. His comments were forwarded to net control stations.

NORTHERN LIGHTS CHAPTER

When BREAK-UP occurs in Alaska so does the busy long days with outside work and play to be done before freeze-up in the Fall, and Ham activities suffer as a result.

The Northern Lites Award, No. 9., went to Taroh Yagi, our fine JH Chapter member (JHIWIX). Award #10 went to Eugene Kowalewski, WITEE, QCWA #7026.

Joe Paquette, KL7J, is the only "sparks" on the SS Texas Sun, a 50,000 ton tanker, sailing from Nederland, TX to Marcus Hook, PA. Joe may get home to Homer, AK, in June & get in touch with the Anchorage members.

Ken Casey, KL7GCH, head honcho of SPARK (Society for Preservation of Amateur Radio in Kodiak) has passed another decade mark. Guess Ken can't claim to be "39" and holding now!

Input from Chapter members on use of the new 30 meter bnd indicates: a) CW and SSB only, b) all classes of CW license allowed, c) QRP power with a maximum of 10 watts, d) some suggest split band with half CW and half SSB, but most want no split, with all shared by QRP CW and SSB.

We received a letter from Bill Haas, W2GMY, that he would be in Anchorage about June 30...usually we have about half a dozen saying they are coming up, we usually don't see any of them...sure hard typing...picked up a roll of "Gaucho" barb wire yesterday and it slipped, getting three fingers.. Putting some new barbed wire above the garden fence to try to stop that cow moose from breaking into the garden which she has been doing for the past 4 years. She sure likes my broccoli, cauliflower, brussel sprouts, cabbage, etc...73

-- Mac, KL7AVX --

CHICAGO AREA

The Golden Flame Restaurant Chicago Chapter, Apr 26 QCWA meeting held a lot of oldies and and goldies like Bill Toner, (R) W9MKL, who is a regular on the Malcolm McRae Memorial CW Net that meets twice weekly. Meeting and greeting the regulars were Frances & Ed Webb, W9IPO.. who, you remember from the National Super-Chicago Convention last year. W9IPO is up to his tall ears in computers, while W9MKL (who works international CW nets) won't have any part of it. The next Chapter meetings scheduled for the Itasca Country Club, July 20, 1980



At left, Fred, W9WR, Hinds, was back for his first attendance at a Chicago Chapter meeting following a long illness which forced him to forgo the National Convention last September... Fred was in fine shape and entertained the group with a folksie story about his delayed wedding caused by a railroad explosion in a great train robbery. The hold-up men made a mistake in the blowing up of the train just ahead of the one he was on, heading east, which carried a gold shipment. He got to the reception 9 hours late all of the guests were gone, but they have lived happily for the past 43 years. You just can't keep a good man down

A number of friends have made donations to the QCWA Memorial Scholarship fund in the name of Mac McRae. On behalf of all of us, we thank them for this remembrance of Mac! Ero, KA9KYS

QCWA DUES ARE \$19 FOR THREE YEARS. ONE MAY RENEW MEMBERSHIP, OR MAY BE REINSTATED, WITHOUT PENALTY AT ANY TIME. THE BOARD OF DIRECTORS TOOK ACTION IN APRIL THIS YEAR, TO PERMIT DUES PAYMENT TO BE MADE EITHER BY THE YEAR, OR BI-ANNUALLY, AS WELL AS THE REGULAR TRI-ANNUAL SYSTEM. THE NEW ANNUAL DUES ARE \$9, AND FOR TWO YEARS, ARE \$15. THE FEES REFLECT AN ADDED COST REQUIRED TO COVER DUES NOTICES, ROSTER CHANGES, ETC.....THE ANNUAL AND BI-ANNUAL DUES STRUCTURE DO NOT BECOME OFFICIAL UNTIL AUGUST 15, 1980 (60 DAYS AFTER PUBLICATION DATE OF THE SUMMER NEWS).

SOUTHEAST FLORIDA CHAPTER

The QCWA Luncheon during the Miami Hamboree was a real success. The limit of 100 tickets was sold and attendance was from several states, Canada & DX.. Guest speaker Bill Willmot, K4TF, gave a very interesting talk on the history of marine radio with a lot of his personal experiences. Many in the audience knew first hand of his subject & added a few tales of their own. Our thanks to Stan K4BLM for the luncheon arrangements.

Our joint QCWA-OOTC booth at the Miami Hamboree featured a display of Antique receivers, transmitter and even a glass jar rectifier. Many interested visitors were logged with lots of personal QSO's. Hamboree attendance was about 7000!

Our March meeting was the annual election of Officers. The 1979 Officers Howard Mehrling, W4HN, President; Stan Offenhutter, K4BLM, V. Pres; and Chuck Bolvin, K4KQ, Scty/Treas., did a great job increasing membership and bringing new activities to the Chapter. The new Officers elected are:

Chuck Bolvin, K4KQ, President
John Porter, W4KGJ, Vice Pres.
Glenn Roof, W4KO, Scty/Treas.

The Chapter is looking forward to another year of growth and fellowship!

-- Glenn, W4KO --

CLEVELAND CHAPTER #1

Chapter No. 1 held it's semi-annual meeting on May 10, at the Masonic Temple dining room in Cleveland. 47 were in attendance and had a very pleasant time renewing acquaintances, followed at 6:30PM with a delicious dinner with all the trimmings.

George Riehl, W8NJF, President of the Chapter called an informal meeting to order & 50 Year Golden Certificates were awarded to Paul Cornell, W8EFW, & Edward Allebach, KA8ARI. A Golden 60 Year certificate went to George Hale, W8OA.

Speaker of the evening Lynn Maximuk, meteorologist with the National Weather Service, stationed at Cleveland Hopkin Airport, gave a timely lecture, with a 40-minute film about tornadoes, their cause and effects. It was opportune.. the following week this area had three tornado watches. It is hoped that Mr. Maximuk can return for another program on thunder and electrical storms. The program was arranged by Fed Collins, VP of the Chapter (W8ADW).

The meeting was attended by one of our original members, Larry Baumgarner W8BF, who has been absent for quite a long time.

-- Charles, W8RN --

Gumperson's Law: After a raise in salary, you will have less money at the end of the month than you had before!



SHASTA CHAPTER #127

By the time you read this, QCWA's newest will have survived it's Charter ceremony and off & running. On June 1st, 1980, a "brunch" meeting, open to all of Northern California's Hamdom and their ladies will have happened at Reddings Red Lion Inn. Our Speaker, Bill Stevens W6ZM, Pacific Director of ARRL, will have given us a 'big picture' as well as answered all our questions... Our thanks to Bill & Delphie and to those famed and infamous hams who sent us their best wishes.

The Chapter expects to hold quarterly meetings. A site will be selected commensurate with the nature of the meeting, and with the members desires and, for safety- (a moving target).

Pictured at left are a pair to draw to--Bob, W6SBH, at left, and Earl, KA6D. They grow 'em mighty tough up in Northern Cal!

Shown at right, "some of the gang" L-R are: Mac, K6RN; Elden, W6HRF; Andy, W6SYY; Earl, KA6D; Bob, W6SBH; Hank, K6BYS; Bob, W6UFR...

Members not present were: W6BIL, N6AD, K6RW, W6OMR, W6CBD, W6ATG, K6ICZ, W6EQQ, W6VRM, WA6WJZ, W6NCV, W6NHV, K6EQR, W6CBF, W6OWP, K6EYL, W6RZW and K6JIM!

Chapter officers are: Earl, KA6D, Prexy & Bob, W6SBH, Scty/Treasurer!

- Earl, KA6D -



SILENT KEYS

W1ALP	FRANK BAKER
K1CA	WALTER J. SWENSON
W1DPJ	GEORGE E. LEVENSAIOR
W1IF	WILLIAM M. MAGUIRE
W1OS	MYRON H. GOULD
W1RO	R. E. HARRISON
W2DOE	GEORGE GATHMAN
W2JHO	GEORGE S. HANNELL
W2UGF	WILLIAM R. OTTER
K3CB	HOMER J. ELLIS
W3HJ	WM. E. HOUGH, JR.
W3TNK	RON G. PETTS
W4AD	LOUIS E. DELAFLEUR
W4BAD	GEORGE TAMER
W4BDM	CHARLES H. WHITAKER
W4BHG	JAMES H. MILLARD
W4DFE	WILL D. BANKSTON, JR.
W4DKJ	ARTHUR H. LYNCH
W4ET	R. E. KAVAI
W4IO	CLIFFORD Q. THITCHLER
W4LIN	LAWRENCE K. GARLAND
K4MBG	CARL J. BLUDAU
W4JSR	W. G. CHAPMAN
W4TGO	EDWARD S. GREENE
W4YEB	CHARLES B. RAYBUCK
W5AV	JAMES H. RUSSELL
W5FKB	HARLAND V. NEWSON
W5GVF	HANS HILTPOLD
W5HS	JOHN P. CAMP

W5IZU	FRANK A. SEWELL, SR.
W5UBE	ALEXANDER P. STICKERS
W5VLV	STEVE V. SETAR
W6EMW	AMOS M. HARDIN
W6EZ	G. RICHARD LEE
K6HI	WALTER S. ROBB
W6KCG	JOHN J. HAGGERTY, SR.
W6PFF	FRANK C. CHAMPLIN
W7BCY	HUGO RAHLF
W7BIW	SAM DAVENPORT
W7EBU	WALTER E. WOODCOCK
W7FQV	C. H. HATCH
W7JDX	HUBERT R. MCNALLY
W7KQ	KEN. F. HAGER
K7RZZ	JAMES J. NELSON
K8CM	TOM MCCANN
W8IT	ROBERT W. NIXON
W9CKB	JAMES SUGIOKA
W9ELG	CHARLES SODERGREN
W9YOM	ROBERT H. LARSON
W9YYL	CHARLES A. BRESSETTE
W0GBJ	CLARENCE I. ARUNDALE
W0HKU	H. G. REECE
W0JMB	J. E. REYNOLDS
VE7ALY	NORMAN TYSON
VE7HO	J. ALLAN PETERS
VE7UH	RUPERT K. GRANT

CENTRAL VALLEY CHAPTER

The Chapter held it's long postponed Winter meeting at the Hill House March 16, 1980 on a Sunday afternoon. There were 37 members, guests and wives who enjoyed the good food and comradeship at the Bakersfield get-together.

Some of our newer members were present, including our newest, Orval Wood, W6ASV, of Visalia, with his lovely XYL Mildred. Orval, aside from being the newest Chapter member, is also the oldest hame present, in point of service. He received his license in Jan. 1924.. He just beats out W6BVM, who received his license in August, 1924. K6EDO, Don Fippsand K6HAX, George Reynier, were also welcomed as new members. Our guests were K6REZ, Dick Steirn, with his wife, Jackie. Dick has three more years before he is eligible for QCWA!

The next Chapter meeting will be held in Delano, at a time to be set.

Present, mostly with their wives were: W6VMB, W6DNG, W6HYK, W6FHC, W6BVM, W6MUV, W6ARE, W6ASV, K6EDO, K6ACA, NyHB, W6TRP, K6HAX, K6APE, K6DT, W6OV, W6MEL, W6YO, W6UZ, W6BYH & K6REZ.

- - - - - Leon, W6BYH - - -

QCWA DUES EXPIRATION NOTICES ARE BEING MAILED IN APRIL, JULY, OCTOBER AND IN JANUARY OF EACH YEAR.



Others in attendance having a good and happy time were: Gerald Sabin, VK2AGS; Kere Weston, Selwyn Weston, VK2SY, L-R in the picture at right.



Something sure tickled Roy & Ausie Hart, VK2HO. At their left can be seen Dorothy and Peter Adams, VK2JX.

The pictures were taken by Ann Underhill, daughter of VK2DA and a good photographer!

L-R, Ann & Stewart Underhill with Olga Leverrier.

A few months ago Frank, VK2ADE had a serious operation. He is progressing well and is operating on 10, 15 & 20 meters now



If you've wondered how Eric Bierre VK2BEK, does such a fine job sending code...here's the answer to purr-fect sending!

VK2DA wanted to mention that Bert Hay, VK2AE is operating again. He was presented his 60-Year Golden Award a few days before entering the hospital for surgery. Bert is now 81 and going strong!

Harry, VK2DA

SYDNEY CHAPTER

The Annual Christmas Dinner, December 1979 brought Chapter Members together for Happy visiting. At left are: Bert Hay, VK2AE & Harry Caldecott, VK2DA, L-R, respectively.



CITRUS CHAPTER

The May 17 meeting, featuring election and convention matters was long, busy and enjoyed by all. Not only did we elect officers for the June 80 to June 81 year, but we ironed out and firmed up all immediate problems in planning for the 1980 National Convention. The job of Corresponding Sec'y was eliminated, and the job of Secty/Treas. split up allowing a separate Secty & Treasury Official. Officers elected were:

Keith Street, G3DKS, Chairman
Ray Reisinger, K4KHP, Vice Chm
Bill Waldo, Secretary, W4PI
Bob Ragsdale, W4AJX, Treasurer
George Mitchell, W6GHX, Orlando
Section Chief
Carl Schaal, W4PEI, Tavares/Leesburg
Section Chief.

Our QCWA First -- The Citrus Chapter repeater was ordered a few weeks ago, and should be on the air in a very few months. 147.825 in, 147.225 out.

Another QCWA First...At the suggestion of George Sutter, W3SOB, we had a \$10 denomination bond sale (non-interest bearing) to raise money for the repeat machine...Everyone at the luncheon has a Bond and we have enough, and are off and running!

Bill, W4PI

CENTRAL FLORIDA CHAPTER

Lakeland, Florida

Before taking summer recess (June thru August, membership elected Officers to serve the 1980-81 term. Those named:

Jim Gundry, W4JM, President
Ray Andrews, K4FEI, Vice President
Al Streling, W4OFT, Treasurer
Norm Darch, W2HGV, Secretary

We continue to have our luncheon meeting the second Saturday of each month. Excellent speakers have maintained interest; The XYL's no longer sneak out to the powder room. On-the-air meets on Saturday mornings, 10 AM, 7240 kHz!

Norm, W2HGV

The shortest interval of time is the time from the moment you put something aside for a sudden emergency and the arrival of that emergency!

SUNCOAST CHAPTER

Wally Blakslee, Jr., W4BGR, wrote a nice letter in which he reported on the newly elected Chapter Officials who are:

Donald D. Magers, W4OWN, Chairman
Albert C. Hodson, W4PJF, Secretary
Robert G. Siff, K4AMG, Treasurer

The new Officers were installed at the May 7 meeting. The next Chapter meeting will be in October.

Wally reports that he will not be able to attend Orlando as he must be in attendance at Graduation of a grand-daughter.

Quite a few fellows teased him a good deal about the error in QCWA NEWS that reported his demise. It was a happy mistake, although he took a good deal of good-natured ribbing.

RAZORBACK CHAPTER QCWA

The Spring, 1980 meeting was held at the Majestic Hotel in Hot Springs, Saturday, April 26 with 49 members and guests in attendance. The program, by Elmer Wingfield, W5FD, was a good discussion on transmission lines, SWR & baluns. We who can't tell the difference enjoyed it greatly!

The Chapter has issued a new Roster of Members. It is a fine one and we congratulate those who made it possible.... The Fall meeting has been tentatively set for Russellville with Frank, W5BLP as coordinator. There will be an election of 4 new directors in the Fall, and members are urged to be considering Candidates for the Offices.

Pate, W5POH



On January 20, 1980, the German Chapter met at Bad Herrenalb in the Black Forest, for a regional meeting. The picture above shows the setting. 18 were in attendance, 9 OM's & 9 XYL's for a wonderful day of fellowship.

Hans, DL1YA greeted all and was happy to see the Ladies present. Each of the Ladies received a marzipan as a favor.

Heino, DL9CC brought about 100 dia-fotos of old amateur stations from about 1924 to 1935.

The meeting ran from 10AM to 5PM and all were sorry to see the day end!



Shown above, L-R, behind the Banner: Franz, DJ1QZ; Karl, DJ3CQ; Wolfgang, DL9TD. Foreground, L-R are: Heinrich, DJ2HU; Werner, DL6TR; Otto, DJ1TC; Ilse, DL6KY (who ankle was broken...the cast served as a register for the signatures of all there) Heino, DL9CC; Hans, DL1YA; Fred, DC9TK and Christa, DJ1TE!

+ + + + +

Shown at left, right row, coming forward are: Franz, DJ1QZ; Wolfgang, DL9TD; Fred DC9TK; Hans, DL1YA; XYL/DJ3CQ; XYL/DJ1TC; XYL/DJ2HU; and XYL/DL9TD. In the left row, coming forward are: Heinrich, DJ2HU nearly hidden by Karl, DJ3CQ; Otto, DJ1TC; Heino, DL9CC; Ilse, DL6KY; Christa, DJ1TE; XYL/DJ1QZ; XYL/DL1YA; XYL/DL9CC. In the foreground, a guest, Mrs. Frenzel.



Bill Gerber, W8CBH, sent the pictures shown above and below. The upper one was taken in SUHL, Thuringia, May 1945 when "my occupation was listed as Low Speed Radio Operator, late of Patton's Third Army. At left is Herbert Stoltz who was an ex-military radio operator in a German Armored Unit, and had been discharged due to injuries. He was a member of the German Shortwave Listening Club (Deutsches Kurzwellen Empfangsstation DE 6966/L. He gave me a QSL in 1945, which I still have." At that time I carried a 1945 ARRL handbook & gave it to him...he later had it hard-bound and still has it. We lost track of each other, as Suhl was in the East zone. When My plans to visit in Germany, I hunted all thru the DL calls, hoping to find he had a ticket. He did and turned out to be DL3HG. Numerous letters followed, and he obtained a ham call (DL) for my use there. The photo below was taken south of Munich, not far from the original, taken 32 years previously. Now though, Herby was DL3HG and I am W8CBH. It was a Joyous reunion." -Bill, W8CBH.



The November, 1925 issue of QST carried a story of the very first two-way QSO between the United States and Germany. Strangely enough, the German station was not identified...only the City, said to have been Rottenburg. American U2AKB made the contact. The German station operated 10 watts in a Hartley--- using a Telefunken tube. The frequency was 40 meters. Can anyone identify the German Station?

- W5EJ -

DOGWOOD CHAPTER

We heard from Ernie Savage, VE7FB with news of the NW country. There was bad news, and good news. Three members in the spring, became silent keys:

Norman Tyson, VE7ALY, in March
Allan Peters, VE7HO, in March
Rupert Grant, VE7UH, in April

Two members dropped out, Sil Shaw, who is now retired, and lives way out from the Chapter, and on top of it, had to drill a \$2000 well...and VE7ZQ says he just can't stretch his retirement that far!

Dogwood's general Annual Meeting looks like June 21st, and it will be a luncheon in Delta, not far from Vancouver.. Big affairs like the past seems to be on the wain, as it costs \$10 to \$15 to get a supper meal, per person. The luncheon can be had for \$5 each. The Girls will be treated to a demonstration and talk on ceramics by one of our XYLs who is a master, Whilst the OM's will be conducting the AGM.

Breakfast, the last saturday of each month is going strong with 25 of the boys and gals enjoying themselves....

73 fm Ernie & the gang...

COASTAL CAROLINAS CHAPTER #118

The April meeting of the Chapter saw a new slate of Officers elected. Those who will serve the 1980/81 year are:

Bill Finch, W4EHF, President
Bob Johnson, AA4L, Vice Pres.
Carl Presler, W4LPL, Scty/Trs.

The current Presient, Bob Knapp, W4OMW will become Chairman of the Board. The changes will become effective at the next meeting scheduled August 16-17, 1980, at Fayetteville.

In recognition of his years of service to Amateur Radio & QCWA, Stuart Meyer, W2GHK, was recently made an Honorary Member of the Chapter. War Atherton, W4RVE, will soon move to 6-land & has been elected to Honorary Lifetime membership for his service to to the Chapter.

..Ken, K6CIL, Scty..

CLARA C. REGER, W2RUF, a well known amateur for many years, was the victim of an accident on February 1, 1980.

Clara would have been 82 years of age in March. Because of her advanced age the insurance carrier involved seems to have taken the stand that her useful and productive life was over. Her granddaughter, Judith J. Krueger, has requested that those who knew Clara & who have made contact with her write a brief letter or note which might help in proving Clara's vitality and continued service to others.

Your replies may be addressed to:

Judith J. Krueger
c/o Robert D. Kolken
Attorney at Law
580 Elmwood Avenue
Buffalo, NY 14222

QCWA NEW MEMBERS

02-21-80	13,916	Claude N. Herrington	N4CCA	Memphis, TN
02-22-80	13,917	Victor Smith	VE3AUV	Rockwood, ONT
	13,918	Rodney L "Rod" Linkous	W7OM	Seattle, WA
02-25-80	13,919	Thomas H. Donaldson	K4DID	Kannapolis, NC
	13,920	Robert B. Winn	W5KNE	Richardson, TX
	13,921	James T. Stanton	WB7REV	Payette, ID
02-22-80	13,922	Harold W. Hasbrouck	W6OHM	Carson City, NV
02-25-80	13,923	Stanley Piotrowski	W3RNO	Aliquippa, PA
	13,924	Hugh (Lee) Fuller, Jr.	W5UQZ	Houston, TX
	13,925	Maurice J. Shumaker	W0HYB	Denver, CO
02-26-80	13,926	Michael Kent Gauthier	K6ICS	Downey, CA
	13,927	Emmett B. Williams	W3EK	Washington, DC
	13,928	Harold G. McRoberts	K6RN	Red Bluff, CA
02-27-80	13,929	Marie R. Welsh	W6JEP	Burbank, CA
	13,930	Edgar A. Naratil	W3BNR	Phoenixville, PA
	13,931	Billy Edwards	K4BWC	Raleigh, NC
02-28-80	13,932	Frederick D. Bornman	W8QJ	Detroit, MI
03-03-80	13,933	Henry K. Warner	W1HRQ	Kennebunkport, ME
	13,934	Glen Collum	W5JMS	Brownfield, TX
	13,935	Frank W. Smith	W4EIN	Chattanooga, TN
	13,936	Chet Moore	K6ICZ	Redding, CA
	13,937	Rodney D. Bowen	W9JKF	Rockford, IL
	13,938	Verne E. Bodwell	W1IBL	Kennebunk Beach, ME
	13,939	Mike Genovese	W5KRT	Opelousas, LA
	13,940	Fred Putz	W5WVR	Bellaire, TX
	13,941	Randall D. Wood	W7CKE	Las Vegas, NV
03-04-80	13,942	Lyle S. StAmant	W5TJY	Hammock, LA
	13,943	Edward S. Westbrook	WA6IUM	Saratoga, CA
	13,944	Daniel J. Davitt	N6CGB	El Segundo, CA
	13,945	Irene Kahn Atkins	WA6DFJ	Pacific Palisades, CA
	13,946	Donald R. Wilson	K2DSV	Middlesex, NJ
	13,947	J. Donald Moulton	W2NLJ	Trenton, NJ
	13,948	Courtney P. Schum	A180	Dayton, OH
	13,949	Perry D. Ballinger	W8AU	Massillon, OH
03-05-80	13,950	Bill Belcher	K2KVX	Kicksville, NY
	13,951	A. Bill Meinhardt	W2CMD	Tamarac, FL
	13,952	Barrie S. Gauthier	K6ICQ	Downey, CA
	13,953	William J. Clark	WA4DXL	Orlando, FL
	13,954	George E. Fiedler	K6RW	Red Bluff, CA
	13,955	Ed Heuer	W6EQQ	Central Valley, CA
03-06-80	13,956	Robert J. Moody	W0SEM	Paola, KS
	13,957	Earl R. Backus	W9KWV	Wichita, KS
	13,958	Jon A. Wood	W0UHL	Humboldt, KS
03-12-80	13,959	Ed C. Doehling	W0HQE	Surprise, NE
	13,960	Oliver B. Martin, Jr.	WB3BVL	Bowie, MD
	13,961	Donald N. Davis	W1DWA	Dalton, MA
	13,962	Fred S. Palm	WA7QNO	Mesa, AZ
	13,963	O. Tom Honey	W7KPC	Haysville, KS
	13,964	Thomas C. Abernathy	W4AYX	Largo, FL
	13,965	Warren W. Davis	K6PQI	San Mateo, CA
	13,966	Henry Ruffalo	W2HWY	Cedar Grove, NJ
	13,967	Alfred Apodruk	KL7BJV	White Mountain, AK
	13,968	Andrew E. McClure	W6SYY	Red Bluff, CA
	13,969	Sam Schreiber	K4XZ	Clearwater, FL
	13,970	Howard Callahan	W4CYN	Graham, NC
	13,971	Roger L. Beamon	W3BPM	Telford, PA
	13,972	John R. Shirek	W4PTR	Melbourne Beach, FL
03-13-80	13,973	Charles J. Hart	K3BXU	Bethesda, MD
	13,974	George W. Bunce, Sr.	W5DKC	Edmond, OK
	13,975	Anthony F. Skok	N8AZJ	Euclid, OH
03-14-80	13,976	Clarence A. Vandervelde	W8UEJ	Muskegon, MI
	13,977	David A. Fellows	N0APT	Tahlequah, OK
	13,978	Perry Sather	W0ZVN	Aneta, ND
03-17-80	13,979	Thomas E. Berry	AA4VV	Greensboro, NC
	13,980	LeRoy A. Woodruff	W2HTX	Livingston, NJ
	13,981	Dick Frick	K3SXR	Quakertown, PA
	13,982	C. Terry Beeler	W4FUI	Candler, NC
	13,983	Glenn A. Watkins	W0RTM	Bethany, OK
	13,984	Austin C. Schwager	K4JEO	Sarasota, FL
03-20-80	13,985	John W. Christensen	W9TVA	Vero Beach, FL
	13,986	John (Jack) Harrigan	W1PSG	Veverly, MA
	13,987	W. C. Cloninger	W4NX	Atlanta, GA
	13,988	Irving J. Lipton	K3DDV	Carlisle, PA
	13,989	Robert F. Schafer	W6SBH	Red Bluff, CA
	13,990	Howard H. Poppert	W0VQR	Scottsbluff, NE

QCWA NEW MEMBERS

13,991 William W. Davenport
 13,992 J. Larry Ackley
 03-21-80 13,993 Gerald T. Herbert
 03-24-80 13,994 Robert H. Ossene
 13,995 Clifford C. McGuyer
 13,996 Forrest W. Donkin
 13,997 Bruce W. Ellis
 13,998 John T. Neuner
 13,999 Henry E. Spencer
 14,000 Larry W. Sossoman
 03-25-80 14,001 Roger Sweetser
 14,002 Al Biegler
 14,003 Wythe W. Holt
 14,004 Ronald A. Mann, Sr.
 14,005 Rufs A. Castles, Jr.
 14,006 Andrew S. Griffith
 03-26-80 14,007 David L. Miller
 14,008 John F. Davey
 14,009 Jack Drake
 14,010 Hubert M. Franklin
 14,011 James E. Campbell
 03-27-80 14,012 Glenn B. Haines
 03-28-80 14,013 La Verne D. Solberg
 14,014 Edward J. Hucik
 14,015 John W. DuPaquier
 14,016 Robert W. Bryant
 03-31-80 14,017 Robert H. Clover
 14,018 Lawrence P. Kurtinitis
 14,019 Christopher Rubio
 14,020 Tolbert V. Rowell
 14,021 J. S. Jarrett
 14,022 Norman G. Harrill
 14,023 Frank H. Huyette
 14,024 Jerry Gage
 04-01-80 14,025 Robert S. Bogar
 14,026 George Mitchell
 14,027 Howard A. Moore
 14,028 Maurice R. Holt
 04-04-80 14,029 R. C. Fleischer
 14,030 Raymond A. Kempf
 14,031 Nathan C. LaFleur
 14,032 H. R. Quarles, Jr.
 14,033 Julius J. Saucier
 14,034 Margery C. Saucier
 4-07-80 14,035 Rurt C. Allen
 14,036 Erik Carl Schultz
 14,037 John P. White, JR
 14,038 Harry J. Baboian
 14,039 Robert H. Fasulkey
 14,040 John E. Rogers, III
 14,041 Alfred H. Korb
 14,042 John R. Doak
 14,043 John D. Peters
 14,044 William J. Smith
 14,045 William W. Witte
 04-09-80 14,046 John E. L. Brierty
 14,047 David M. Fisher
 14,048 John W. Rich
 14,049 Donald B. Search
 14,050 Paul E. Phelps
 14,051 Charles A. McDonald
 14,052 John M. Dailey
 04-10-80 14,053 Marion Boose Uhn
 04-11-80 14,054 W. F. Jones
 14,055 Victor L. Cestaro
 14,056 Ron Nilson
 14,057 Ralph L. Weir, Jr
 14,058 Chauncey M. Crooker
 14,059 Robert G. Foster
 14,060 Herman A. Moench
 04-14-80 282 Michael A. Bakos
 04-16-80 14,061 K. Victor Smith
 14,062 L. W. Stanton
 14,063 Charles H. Specht
 14,064 Don B. Case

K4JTR
 W6VRM
 KAØI
 N1AKX
 W9CM
 AK6S
 WØBF
 W3AGT
 K6BYS
 K4CEB
 W1IXA
 WA6WJZ
 W4RJT
 W8NXD
 W4SZG
 W4ULD
 W1GDQ
 WØWEN
 W6NHV
 W6NCV
 W4BQP
 W5VEI
 WØZVL
 W7OOO
 W5GGG
 W7HGW
 W6UFR
 W8WXX
 W9NTY
 W3URG
 K4FJ
 N4NH
 W7ALZ
 K5BVS
 W3ZIO
 W6GHX
 KØHPF
 W7ROI
 WØNST
 K4UH
 W5TKV
 K4CMG
 W5GKT
 K5ANK
 K6EYL
 WA4TCW
 W5UKQ
 W6DTL
 W3BBQ
 W1WKL
 W6OSH
 W2GHF
 K1ER
 W9DJI
 K4BAM
 W4LXB
 W3CCW
 W7RS
 W3AZD
 WA8ZLJ
 W7HN
 W6EGR
 K6EQR
 VE3HJ
 K2VL
 K6JIM
 AFØP
 W6RZW
 W4FXU
 W9NZH
 W8LY
 K4CAX
 KB6YP
 W6VOO
 KAØABM

Virginia Beach, VA
 Shingletown, CA
 Denver, CO
 Worcester, MA
 Evansville, IN
 Costa Mesa, CA
 St. Cloud, MN
 Pittsburgh, PA
 Chico, CA
 Concord, NC
 Stoneham, MA
 Chico, CA
 Newport News, VA
 Muskegon, MI
 Rion, SC
 Kinston, NC
 West Palm Beach, FL
 Omaha, NE
 Cottonwood, CA
 McCloud, CA
 Shalimar, FL
 Beaumont, TX
 Aneta, ND
 Seattle, WA
 Baton Rouge, LA
 Wichita, KS
 Redding, CA
 Romulus, MI
 Markham, IL
 Mechanicsburg, PA
 Alexandria, VA
 Asheville, NC
 Boise, ID
 Waco, TX
 Center Valley, PA
 Orlando, FL
 Lakewood, CO
 Spokane, WA
 Aurora, CO
 Dunwoody, GA
 Opelousas, LA
 Richmond, VA
 Pineville, LA
 Pineville, LA
 Red Bluff, CA
 West Palm Beach, FL
 Baton Rouge, LA
 Fresno, CA
 Fairfax, VA
 Hyattsville, MD
 Hemet, CA
 Woodstock, NY
 Virginia Beach, VA
 Chicago, IL
 Decatur, GA
 Callaway, VA
 Laurel, MD
 Kirkland, WA
 Newington, CT
 Lakeview, MI
 Spokane, WA
 Palos Verdes, CA
 Corning, CA
 Belleville, Ont
 Farmingville, NY
 Anderson, CA
 Brownsville, TX
 Paskenta, CA
 Kinston, NC
 Terre Haute, IN
 Cleveland, OH
 Winston-Salem, NC
 Placentia, CA
 Bishop, CA
 Denver, CO

CENTRAL FLORIDA CHAPTER

On Saturday, April 12, the Chapter held an election with Officers for the 1980-1981 year named as follows:

Jim A. Gundry, W4JM, President
 Ray Andrews, K4FEI, Vice President
 A. L. Streling, W4OFT, Treasurer
 Norman S. Darch, W2HGV, Secretary

Outgoing Officers will hold inauguration ceremonies for the new during the May 10, 1980 meeting.

-Charles, W4SVB-

SPACECOAST CHAPTER 66

The May meeting of the Spacecoast Chapter was held to an overflow crowd. Our President, Walt Todd, W4JXI, presided. Action was taken to support the Citrus Chapter in hosting the Orland National QCWA Convention for 1980.

Following a discussion of the new Amateur bands granted during the 1979 WARC it was decided that a matrix questionnaire would be prepared and distributed to all members at the July Spaceport Chapter meeting. The questionnaire is expected to ask for opinions on what services & classes of operation are to be preferred for the three new bands. The results of this survey will be sent to the FCC, ARRL and QCWA.

-Art Greene, K4DQC

Charles Chapman, W4SVB, Secretary, the Central Florida Chapter wrote telling of the Knights of the Kilocycle...a net established December 25, 1929. It has met every week since then, with May 4, 1980 being the 2348th meeting. This is believed to be the oldest continuously operating net in existence. Many QCWA members join in...George LeClere W4MDV is Master Oscillator (President), Paul Marlowe, K4SDW is Buffer-Doubler (VP), and Charley, W4SVB is Speech Amplifier (Secretary). It meets on 3910 on each Sunday at 7:30AM. One member has had his 91st birthday celebrated! Join in if you can!

-Charles, W4SVB-

HOUSTON CHAPTER #27

With wx turning to summer, our thought is for fishing, picnicking & so on.... However, when talking to Dale, W5PLE, the subject was baseball & air condxg! Dale has the astro-dome too cold with some thinking he's spoiling the Astros and warming it up some might help.

When the dome was new, some League Officials had the air condxg checked because it was thought the wind was rigged to keep the balls in the air when the Astros hit, and to drop when their opponents hit...weren't nothing to it, but much fun anyhow.

Bob Glass, W5MK is in the hospital with a respiratory ailment. Allen Glueck, W5GHK also checking in for checkup!

To get maximum attention, it's hard to beat a really big mistake!

QCWA DIRECTOR, Leland W. Smith, W5KL, is mighty proud of his son's records in amateur radio. Leland Jr., W4YE & Victor, K4CAX as well as Leland himself, are QCWA Life members and have extra-class amateur licenses. Victor became a life member of QCWA at age 36...this may be a record! Can anyone top it? - - - - -

Joe Fallin, W5SU, wrote suggesting stories by someone on the old famous Amateur suppliers such as NATIONAL, HALLICRAFTERS, PILOT & many others who were making the Ham's life easier in the 1920-30 period! Are any of you authors challenged? - - - - -

George Brown, W1BIO, wrote a short one acknowledging receipt of his Golden Award.

Issuing these awards is one of the real pleasures that comes with being a part of QCWA! - - - - -

Danville S. Webber, W1PCD, sent QCWA a check in the amount of \$34, one dollar for every year he has been a Ham...to help build the QCWA SCHOLARSHIP FUND..

Thanks, Danny, it sure helps! - - - - -

James Gundry, W4JM, sent a copy of QCWA NEWS to Time Magazine in connection with Lew Sieck's item on SYZYGY, and its relationship to the weather. - - - - -

BATON ROUGE CHAPTER

The Chapter was invited to provide a booth at the Hamfest on May 3-4. It was planned to hold forth and try getting some additional members.

At present, the membership is 92 and the Sunday morning on-the-air meetings bring about 20 - 25 checkins, which is really a fine attendance. El, W5MD is the MC, and has an excellent procedure which keeps the meeting informal, but amoving along!

The Annual picnic scheduled for the last Saturday in May, too late to get a report in the Spring News. Baton Rouge sends it's regards to QCWA where ever they are!

El, W5MD

We're always looking for Husband -wife QCWA teams. In the picture below are Toddy and William Nye, W7LCS & W6LXP, of Seattle, Washington.



QCWA NEW MEMBERS

	14,065	Mack C. Greene	N4CXP	Johnson City, TN
	14,066	Bernard H. Scheidt	W8IOR	Lake Odessa, MI
	14,067	Roy S. Dynesius	W4RKN	Chattanooga, TN
	14,068	Walter Melnick	W8PRK	Kettering, OH
	14,069	William H. Steele	W7EAI	Shelton, WA
	14,070	Don Wikstrom	K4AST	College Park, MD
04-17-80	14,071	Bob Longtin	W7IHQ	Sedona, AZ
	14,072	Elden E. Poe	W6HRF	Mount Shasta, CA
04-21-80	14,073	Michael N. Peters	W9GHY	Scandinavia, WI
	14,074	W. E. Burnett, Jr.	W4BEV	Chattanooga, TN
	14,075	William H. Britton	W2BDO	Franklin Square, NY
04-22-80	14,076	Linley W. Holmes	W0MDL	Minneapolis, MN
04-23-80	14,077	Louis B. Alexander	K4BYN	Raleigh, NC
	14,078	Frank A. Caulkins	W8NYP	Akron, OH
	14,079	Ernie Forrest	W5OHE	Bedford, TX
	14,080	Benjamin F. Harrison	W8MHK	Romney, WV
	14,081	Vinton, G. Johnson	W0FWY	Farmington, MO
	14,082	Tom Linxwiler	W5OES	Shreveport, LA
	14,083	Lee A. Head	W9TTK	North Riverside, IL
	14,084	E. Edward Straight	WA4KFO	Mount Dora, FL
04-28-80	14,085	Harry J. Blutstein	W3AY	Takoma Park, MD
	14,086	Robert K. Brown	W9TIZ	Plainfield, IN
	14,087	Lee Caudry	NSASV	Fort Worth, TX
	14,088	Harold C. Chapman	WB8JGW	South Vienna, OH
	14,089	David C. Christie	W7ACE	Fayetteville, NC
	14,090	J. Francke Fox	WB4WTJ	Ormond Beach, FL
	14,091	Arnold E. Gorman	WA2WEW	Jamaica, NY
04-29-80	14,092	L. D. Harpold	WD8MFF	Weston, WV
	14,093	David B. Levine	WB4ESH	Holly Hill, FL
	14,094	Francis J. Matrangola	WA4MYG	Daytona Beach, FL
	14,095	William R. Miller	K2GCE	Freeport, NY
	14,096	John W. Morris III	W4PAZ	Ormond Beach, FL
	14,097	Larry Pace	N7DD	Tucson, AZ
	14,098	George W. Phillips	W4GRO	Fayetteville, NC
	14,099	Edgar F. Sadd	W3OKK	Sewickley, PA
	14,100	Tom Grove	W8POF	Piqua, OH
04-30-80	14,101	John A. Flinn	W9SE	Chicago, IL
	14,102	O. R. Heinz III	W7HO	Reno, NV
	14,103	Edward C. Liebler	W8NRE	Caro, MI
	14,104	Robert W. Kretschmer	KA9BPD	Streamwood, IL
	14,105	Carroll C. Lupton, SR	W4DCL	Greensboro, NC
	14,106	Richard B. McKlveen	W4YWA	Cocoa Beach, FL
	14,107	Richard A. Mehnert	W0KPK	McCleary, WA
	14,108	Merle B. Peterson	W7LLS	Kettle Falls, WA
	14,109	Robert C. Schultz	W8ERQ	Conneaut, OH
	14,110	Donald R. Snyder	W7ZMG	Sumner, WA
05-05-80	14,111	Gerd Lippok	DK9LG	Kiel, FRG
	14,112	Alfred Mueller	DL1FL	Kiel, FRG
	14,113	Karl-Heinz Vogt	DL6YH	Telgte, FRG
05-09-80	14,114	Offin G. Boardman	W4LJA	Holiday, FL
	14,115	John R. Esterly	W8RAK	Westlake, OH
	14,116	Isaac W. Carson	W7LJK	Walla Walla, WA
	14,117	Dick Wilson,	K6LRN	San Fafael, CA
	14,118	Joseph A. Crawford	AEST	Akron, OH
	14,119	Arthur A. Graff	W2WEX	Kenmore, NY
	14,120	Ralph H. Ott	W8JMX	Elyria, OH
	14,121	Robert P. Haviland	W4MB	Daytona Beach, FL
	14,122	Albert Wisner	K4EWA	Port Orange, FL
	14,123	Harland W. Clark	W4OZA	South Daytona, FL
	14,124	John P. Miller	W1JOL	East Falmouth, MA
	14,125	Elbert N. Wood	W4JFL	Lithia Springs, GA
	14,126	Lawrence E. Black	W7LYR	Hamilton, MT
	14,127	William Ford Crane	W9ZN	Chicago, IL
	14,128	Lauren J. Davis	W7ZTK	Albany, OR
	14,129	Charles R. Sledge	W4JVV	Portsmouth, VA
	14,130	Virgil L. Samsal	K9ACQ	Sheboygan Falls, WI
	14,131	Joel H. Kornreich	K2QBV	Spring Valley, NY
05-12-80	14,132	Douglas L. Lundstedt	W5OPZ	Garland, TX
	14,133	John H. Linberg	W9MXU	Lakeview, AR
	14,134	Ralph A. Wiese	W7VLE	Roseburg, OR
	14,135	Frank L. Jamison, Sr	W5YSN	Baton Rouge, LA
	14,136	Arthur R. Leach (Art)	W5UAJ	Baton Rouge, LA
	14,137	R. W. Cox	W4POH	Coral Gables, FL
	14,138	Arthur F. Winslow	W7NH	Phoenix, AZ
	14,139	Merrill P. Johnson	W0SLD	Crystal, MN
	14,140	J. Harold Rea	W4BMG	Daytona Beach, FL
	14,141	George G. Cohen	WB2WLO	Roslyn Heights, NY

NIAGARA FRONTIER CHAPTER



Pictured above, L-R are Vice-President Carl Maylott-W2YE, Ed Lindberg-W2CIL receiving his Golden Anniversary and 50-Year Continuously-Licensed Awards from President Ray Griswold, W2SD.

Our chapter meets every Saturday noon for luncheon at the Williamsville Inn, 5447 Main St., Williamsville, N.Y.. Ladies' Day occurs on the second Saturday of each month but they are welcome at any time. Non-members are always welcome.

A voluntary collection was recently made by our chapter in memory of the late Clara Reger, W2RUF who was a Charter Member of our chapter. The proceeds of this fund will be used to help RAWNY (a Buffalo Radio Club) to establish an amateur radio station and exhibit in Clara's memory on board the cruiser USS Little Rock at Buffalo Naval Park, Buffalo, New York.

Our QCWA chapter will be represented again this year at the Rochester Hamfest being held on May 17. It is expected that W2SD, W2YE, W2SSJ and W2EWT will be on duty at our QCWA booth.

Our Annual Spring Banquet will be held on June 1 at the Kenwood Restaurant, Kenmore. Ted Podd, W2KX will handle the chores as M.C. as he has so ably done in the past. We have an excellent show to follow the dinner as W2JPE and W2GIH will show some of their color slides of their sailing trip in the Caribbeans in 1977, on board a 41-foot sailboat with a crew of six. Their two-weeks trip started at the island of Martinique and concluded at the British Virgin Islands. Communication was maintained with the Mainland via amateur radio using a battery-powered rig.

I am sorry to report that Al Pearsall, VE3QS, Toronto, Ont. an Honorary Member of our Chapter passed away on March 2. We will miss Al at our Williamsville Inn luncheons.

We are very happy to welcome a new member into our Chapter, Charlie Blake, K2LRL of Tonawanda, N.Y..

Bill - W2EWT

We apologize for having omitted the name of a new member from our list published in the Winter QCWA NEWS for 1979. Left it out, slick as the dickens, and we're sorry. The listing should be:

11-05-79 Norman A. Budd, Jr

W5EJC

Garland, TX

Bob Baird, W9NN (52) wrote a nice note from Sarasota. Bob and Lorraine had taken a trip to Nassau in January. She was taken shortly thereafter. Bob expected to be back home in Plover, WI near the first of May. All of us extend sympathy to Bob!



CENTRAL VIRGINIA CHAPTER, No. 116

The Central Virginia Chapter, No. 116, had a successful & happy meeting on March 15, in Lynchburg. Those attending were: AA4FF, AA4GR, AG4I, W2BNX, W4FOD, W4JUK, W4KBJ, W4LXB, W4OKN, W4YKU, WA4JJE

The Chapter has 21 dues paying members as of March 15th, out of a potential membership in the area of about 29! We anticipate continuing increase in the price of gasoline may reduce attendance and perhaps membership in the Chapter.

The next meeting of the Chapter will be Saturday, June 21 at 12:30PM, at Sambos, on Fort Avenue, Lynchburg, VA. The Fall meeting will be Saturday, September 20, at the same location. Visitors are welcome!

The Secretary of the Chapter was directed to send a letter to the ARRL to express appreciation for the fine job done at Geneva relative to the World Administrative Radio Conference by the League and the IARU delegates....Also, AA4GR's Continuously Licensed Golden 50-Year Award arrived a few hours after the meeting was held!

- George, AA4GR -



Pictured above is the transmitter and station of Perry F. Hadlock, then 2CKR, at Schenectady, NY, in 1922. This was one of the 46 stations which got across the Atlantic in the Fall of 1922, on the ARRL Tests, with Paul Godley. Wave-length was 203 meters.

At the time of the tests one UV-204 was used on RAW AC, 60 cycles. Later the tone was improved by adding a second 204 with a ceter tapped secondary of the plate transformer..120 cycles! In the picture, at the right, the big transformer was for the filaments of the UV-204's, which took plenty of amps...lit up like on Broadway!

Perry asks that if any of the others who made it across in that ARRL test are still around, to get in touch with him.. The list, on Page 21, of the March, 1923 QST, is too poor a copy for publication, but if anyone would like a copy of it we'll be glad to send a Xerox. Write to Perry at:

Perry F. Hadlock, K2IK
7400 SW 34th Street
Miami, FL 33155.

There are some pretty expert men and women recruiting QCWA members across the country. The top 5 recruiters since January 1, 1980 are:

KA6D	-	16
W5MD	-	12
W1ZEN	-	8
W0ZJ	-	8
K4LMB	-	6

Congratulations to all!

SOLAR POWERING A RECREATION VEHICLE

by John R. Halliday*

There are recreation vehicles that have a 12 volt DC system. The battery in the vehicle has to be charged frequently. The methods of charging are: motor-generator or 110 VAC battery chargers. Both of these methods are unhandy & can be expensive for the recreation seeker. There is a way that is less expensive except for the initial investment, and much handier. This is solar power! Solar power is free and versatile. Solar power can be harnessed and used in the wilderness for long periods of time. The circuitry is simple to build and use.

New solar panels cost about \$175 to \$225 each. Panels that are used or production rejects are much lower cost if available from the manufacturer. Purchasing three new panels in the \$200 range and other parts needed would amount to less than \$800. With used or rejected panels this cost could be cut in half and, to further cut the cost, two solar panels might be used.

My own system uses solar panels from a manufacturer who went out of business. These panels were \$40 each. I find three of them just right for the battery in use, a Sears truck battery, No. 4385, with 485 cold cranking ampere capacity... In the months it has been connected to the system, the electrolyte has n't gassed or boiled during the charging time. I have had another solar power system powering a ham station operating with 1 to 200 watts PEP. Operation during the past nine months has been perfect. So, this led me to use this similar system for a recreation vehicle. I am planning on using a marine battery of larger capacity to see how it will operate over a long period of time. At this time three test systems are in operation. One system is being tested on a 5th wheel Twilight Bungalow Trailer 30 feet long. Two systems are being used on a Jayco and a Puma tent trailer with success. It has been found that even cloudy days give a charging rate, lower than bright days, but still a charge is being delivered to the battery.

On each recreation vehicle, the solar panels are placed on top of the vehicle facing the sun. If the site is shady, a long cord may be used to place the solar cells in the sunlight a short distance from the vehicle. The solar panels are placed inside the trailer when travelling. Heavy rubber-covered lamp cord, No. 12 wire, 15' long is used from the panel section to the battery.

During the summer months the voltage & current will be constant. During the other seasons cloud density varies and so will the voltage & current charging the battery. You will note, in the circuit (Fig. 1) that the 20 volt DC at one ampere goes directly to the battery. There is no need for a regulator in this service...the battery does the job. The diode in the circuit is to prevent the solar panels from shorting out the battery during the night hours at which time the panels are not charging. The size of your battery will determine how much electricity you will use during one period of time. If you run your battery down, the next day the sun will give you help free of charge, to recharge the battery.

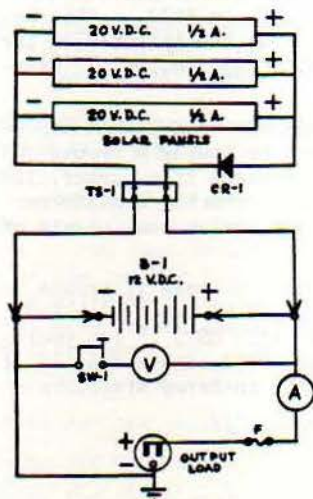
Inquiries on solar cells may be addressed to the following:

Solar Power Corporation
c/o Lindberg Company
4163 Montgomery, NE
Albuquerque, NM 87109
505 881 1006

Solarex Corporation
1335 Piccard Drive
Rockville, MD 20850
301 948 0202

Applied Solar Energy
15251 E. Don Julian Rd
City of Industry, CA 91746
213 968 6581

Solec International
12533 Chadron Avenue
Hawthorne, CA 90250
910 325 6215



PARTS LIST

- Solar Panels (3), 20 VDC, 0.5 A
- CR-1 Diode, 30 VDC, 3 A (GE-512)
- B-1 Battery, 12 V., lead-acid
- SW-1 SPST SW
- V Voltmeter 0-25 VDC
- A Ammeter 0-50 A. DC
- TS-1 Terminal strip, screw type
- F 30 A fuse & holder

Output connector can be a 110 V wall type with ground connector

About the Author:

John (Jack) R. Halliday, LCDR, USN RTD, Electronic Officer. B. S. Degree, Electrical engineering, Utah State, 1947. Graduate work, University of New Mexico. Married for 36 years, with three children, one girl, two boys!

John has been associated with Sandia National Laboratories, Albuquerque, NM., also Albuquerque Technical Vocational Institute. At present, fully retired.

He has held amateur licenses since March 6, 1934, with calls, W6MAV-1934, W7MAV, 1946 and, W5PIZ, 1945. He has operated NM (Pacific), assisted in many field days in which (1956-1957) NM was top in Class 1-A competition.

His present burning interest is in SOLAR POWER STUDIES AND APPLICATIONS.

-Ed.



Pictured above are the YL's & XYL's who attended the May 10 Spring Banquet of the Cleveland Chapter #1, of QCWA. The pictures almost arrived too late...Below are, L-R are:

George Hale, W8OA with his Golden 60 Certificate and, Paul Cornell, W8EFW, with his Golden 50 Certificate.



COLORADO CHAPTER #58

The Colorado Chapter held it's annual election of Officers for 1980-81, during the May Banquet, held at the Inn at the Mart. Those elected are:

Don Spoor, W0QS, President
Lou Bissey, W0PDV, Vice President
Lu Oldham, W0ZJ, Scty/Treasurer

Directors elected are: Carl Yarcho, W0TW; Ken McMahan, W0TRO; Swan Norberg, W0VGR; Bob Brown, W0YHI; Bob Galbasin, W0MHN.

The next event for Colorado is the Annual Picnic set for Elitch Gardens, June 8, at 11AM. It will be at the Apple-Tree Pavilion and will last until everyone gets tired. General gate admission to the Gardens is \$1.50...Bring guests, the family, lunch and QCWA will furnish soft drinks.



Pictured at right, L-R are:

Sol Abramowitz, W0WSK, outgoing President turns the gavel over to Don Spoor, W0QS, incoming President of the Chapter #58.

- Lou, W0ZJ -

QCWA SUPPLIES

The following supplies may be purchased by QCWA Members:

QCWA Lapel Pin, Gold Plated, with call engraved. (Clutch Pin, pin clasp, or screw button types)	\$4.50
QCWA Lapel Pin, 50-year, clutch type only	\$5.50
QCWA Lapel Pin, 60-year, clutch type only	\$5.50
Blazer Emblem, 3 x 4 inch, embroidered	\$3.50
500 Red QCWA stamps, regular membership	\$1.75
500 Gold QCWA stamps, Life membership	\$2.50
240 Yellow, 50 Years in Amateur Radio stamps	\$2.00
QCWA Logo on rubber stamp	\$3.50
QCWA Automobile decal	\$0.50

QCWA Banners, 30 x 48 inch, Storm King Cotton,
(\$80.00 cost shared equally with QCWA Chapters)
Chapters attaining 50 or more members may
receive a banner at no cost, upon application

ORDER BLANK

QCWA Headquarters
1409 Cooper Drive
Irving, TX 75061

Date _____

Please send the following QCWA supplies:

_____ \$ _____
_____ \$ _____
_____ \$ _____

Send to: _____
Name _____ Call _____ QCWA# _____

Address: _____
City _____ State _____ Zip _____

Note that supplies cannot be issued to ineligible members...
50 year pins can only be issued to members who have been awarded the Golden Certificate, etc.

John G. Beckley, KG4L, sent in the picture below. A truly fine shot. John described his layout as follows:

"A home-brew receiver operating from a storage battery. The battery charger can be seen at the extreme left. Next to it was the antenna changeover switch which also supplied power to the transmitters. Control of rotary gap speed was accomplished by a switch mounted to the left and below the change over switch. Note the flyer for the First ARRL Convention, held in Chicago, Aug 31-Sept 2, 1921! John's call was 9AJH!



REMEMBER TO CHECK YOUR MEMBERSHIP EXPIRATION DATE... ON THE MAILING LABEL FOR THIS QCWA NEWS. IF YOU SEE, ON THE TOP LINE OF THE LABEL SOMETHING LINE MARSHO, THAT MEANS YOU ARE PAID UP THROUGH MARCH 30, 1980!
QCWA DUES ARE, AT PRESENT, \$19 FOR 3 YEARS!
MAIL TO QCWA, INC., 1409 COOPER DR., IRVING, TEXAS 75061

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Marv Mahre, W0MGI, 2095 Prosperity Avenue St. Paul, MN 55109

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box 73-QC, Folly Beach, SC 29439

WANTED! In any condition Hallicrafters Super-Skyriders, any model, also plug in coils for Pilot Super Wasp, Hammarlund Comet Pro and National FB-7. Any old ham receivers especially FB-7, Comet Pro and RME-69. Write or call:

Dave Medley, 6621 Duffield Drive
Dallas, TX 75248, Phone 214 386 3982

ATTENTION HEATH 104 OWNERS. Improve "S" meter action, receiver sensitivity and IM. Reduce hum. Easy modifications take about one hour. May improve other receivers too. Send \$12 for details. Parts free.

Lowell White, W2CNQ
1318 Meadowbrook Street
Kissimmee, FL 32741

WILL BUY MANUAL ON RBA-7 VLF RECEIVER.

EL CHARLTON, W5MD
1533 Outrigger Drive
Baton Rouge, LA 70816

We received, too late to insert in the proper location, the on-the-air schedule for the Sunflower Chapter:

Next to the last Wednesday of each month, 9PM on 34/94.

SUPER RIG



NEW TEN-TEC

OMNI-C 9 Band Transceiver + HERCULES Solid-State KW Linear

TEN-TEC SUPER RIG IS READY. For every band, every band condition. With the latest in solid-state hf technology, the latest in features. To make communications easier, more reliable — super.

OMNI-C

The new model in this famous series. With new coverage and new features to make it better than ever!

All 9 HF Bands. From 160 through 10 meters, including the new 10, 18 and 24.5 MHz bands. Coverage you can live with—for years and years.

3-Mode, 2-Range Offset Tuning. Offset the receiver section or the transmitter section or the entire transceiver! In 2 ranges: ± 500 Hz or ± 4 kHz. For complete flexibility in fine tuning, a DX work, or net operations.

Seven Response Curves. Four for SSB, three for CW. With new switching to select the standard 2.4 kHz filter, optional 1.8 kHz SSB filter, 500 Hz or 250 Hz CW filters, and standard 450 and 150 Hz CW active audio filters. Up to 16 poles of i-f filtering plus audio filtering to handle any situation.

Built-In Notch Filter and Noise Blanker. Notch is variable from 200 Hz to 3.5 kHz with a depth of more than 50 dB. New noise blanker reduces ignition and line noise. Both standard equipment.

"Hang" AGC. New, smoother operation.

Super Specs. Optimized sensitivity—a balance between dynamic range and sensitivity (2 μ V on 160 to 0.3 μ V on 10 meters) Greater dynamic range: better than 90 dB. And a PIN diode switchable 18 dB attenuator. 200 watts input on all bands! 100% duty cycle on all bands for up to 20 minutes.

Super Convenient. Built-In VOX with 3 up-front controls. Built-In PTT control at front and rear jacks. Built-In Zero-Beat switch puts you on exact frequency. Built-In Adjustable Sidetone with variable pitch and level. Adjustable ALC for full control from low power to full output. 2-Speed Break-In, fast or slow speeds to fit operating conditions. Built-In Speaker eliminates desk clutter. Automatic Sideband Selection—reversible.

Super Design. All Solid-State and Broadbanded—from the pioneer, Ten-Tec. Modular plug-in circuit boards. Functional Styling with convenient controls, full shielding, easy-to-use size (5 $\frac{3}{4}$ "h x 14 $\frac{1}{4}$ "w x 14"d).

Super Hercules Companion. Styled to match, plus separate receiving antenna capability, plus transceiver front panel control of linear's bandswitching (one knob does it all).

Full Accessory Line including filters, remote VFO, power supplies, keyers, microphones, speech processors, antenna tuners—all in matching color.

Model 546 OMNI-Series C.... \$1189.

HERCULES

Amateur Radio's first full break-in solid-state kW linear amplifier. With the reliability you'd expect from the pioneer in high-power solid-state technology—TEN-TEC.

All Solid-State. No tubes. Instead, HERCULES uses two 500-watt push-pull solid-state amplifier modules with an output combiner. Super solid.

Broadband Design. No knobs, no tuning. From the pioneer, TEN-TEC. For fast, effortless changing of bands. Super easy.

Automatic Bandswitching when used with OMNI (the OMNI bandswitch also controls HERCULES bandswitching through a motor driven stepping switch). Super convenient.

Full Break-In. HERCULES puts the conversation back into high power CW operation—you can hear between every character you send.

Full Coverage. 160 through 15 meters plus four "AUX" positions for 10-meter conversion by owner and future band additions.

Full Gallon. 1000 watts input on all bands, 600 watts output, typical. Built-in forced-air cooling. Driving power: 50 watts, typical. Adjustable negative ALC voltage. 100% duty cycle for SSB voice modulation; 50% duty cycle for CW/RTTY (keydown time: 5 minutes max.) Continuous carrier operation at reduced output.

Full Protection. Six LED status indicators continuously monitor operating conditions and shut down the amplifier whenever any one exceeds set limits (the exciter automatically bypasses the amplifier under amplifier shut-down for barefoot operation). The six parameters monitored are: 1) overdrive; 2) improper control switch setting; 3) heat sink temp.; 4) SWR; 5) overvoltage/over-current; 6) rf output balance. Two meters monitor collector current, voltage, and forward/reverse power. And a highly efficient automatic line voltage correction circuit (patent applied for) eliminates the need for selecting transformer taps, prevents applying too high a voltage to final amplifier devices, becomes operative under low line conditions.

Super Power Supply. Provides approximately 45 VDC @ 24 amperes, operates on 105/125 VAC or 210/250 VAC. Tape wound transformer and choke reduce weight (50 lbs.) and size (7 $\frac{1}{2}$ "h x 15 $\frac{3}{4}$ "w x 13 $\frac{1}{2}$ "d). Separate enclosure.

Super Styling. Designed to match OMNI, the HERCULES has the same height as OMNI, plus matching bail and matching colors. The front panel is simplicity in itself with two push-button switches (power and mode) plus two knobs (meter and bandswitch), and a "black-out" monitor panel (when unit is off, meters are unobtrusive). Amplifier size is 5 $\frac{3}{4}$ "h x 16" w x 15 $\frac{1}{2}$ "d.

Model 444, HERCULES amplifier & power supply.... \$1575.